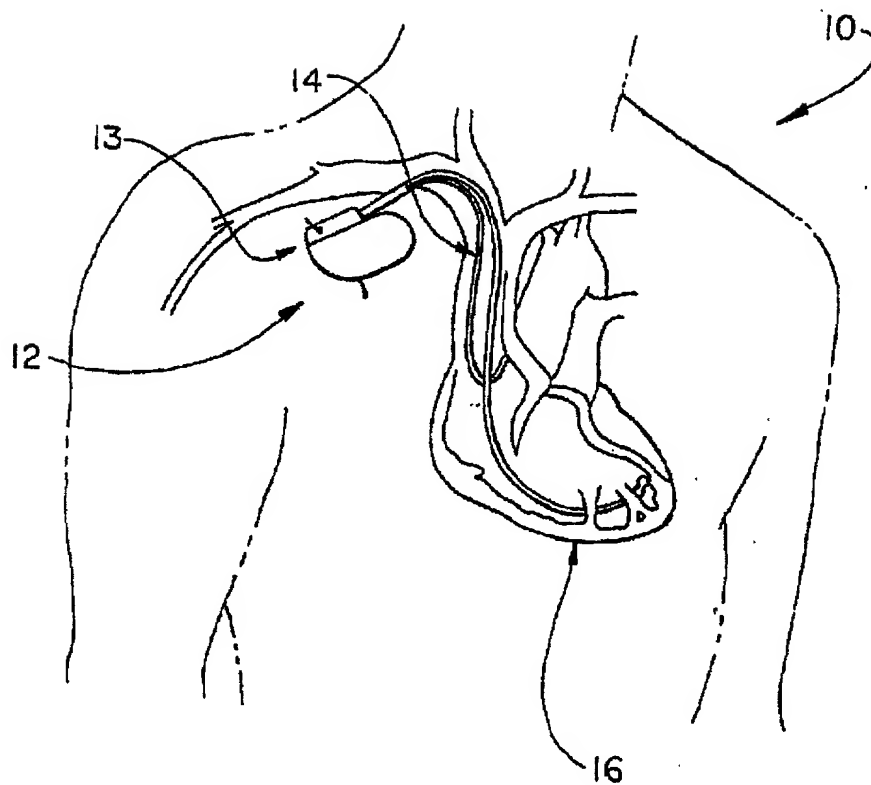
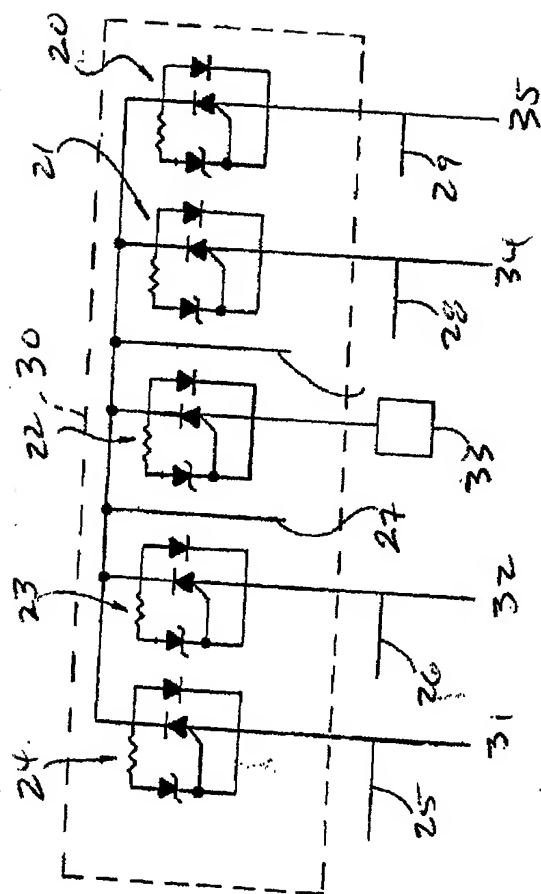


Fig. 1





15

Fig. 2

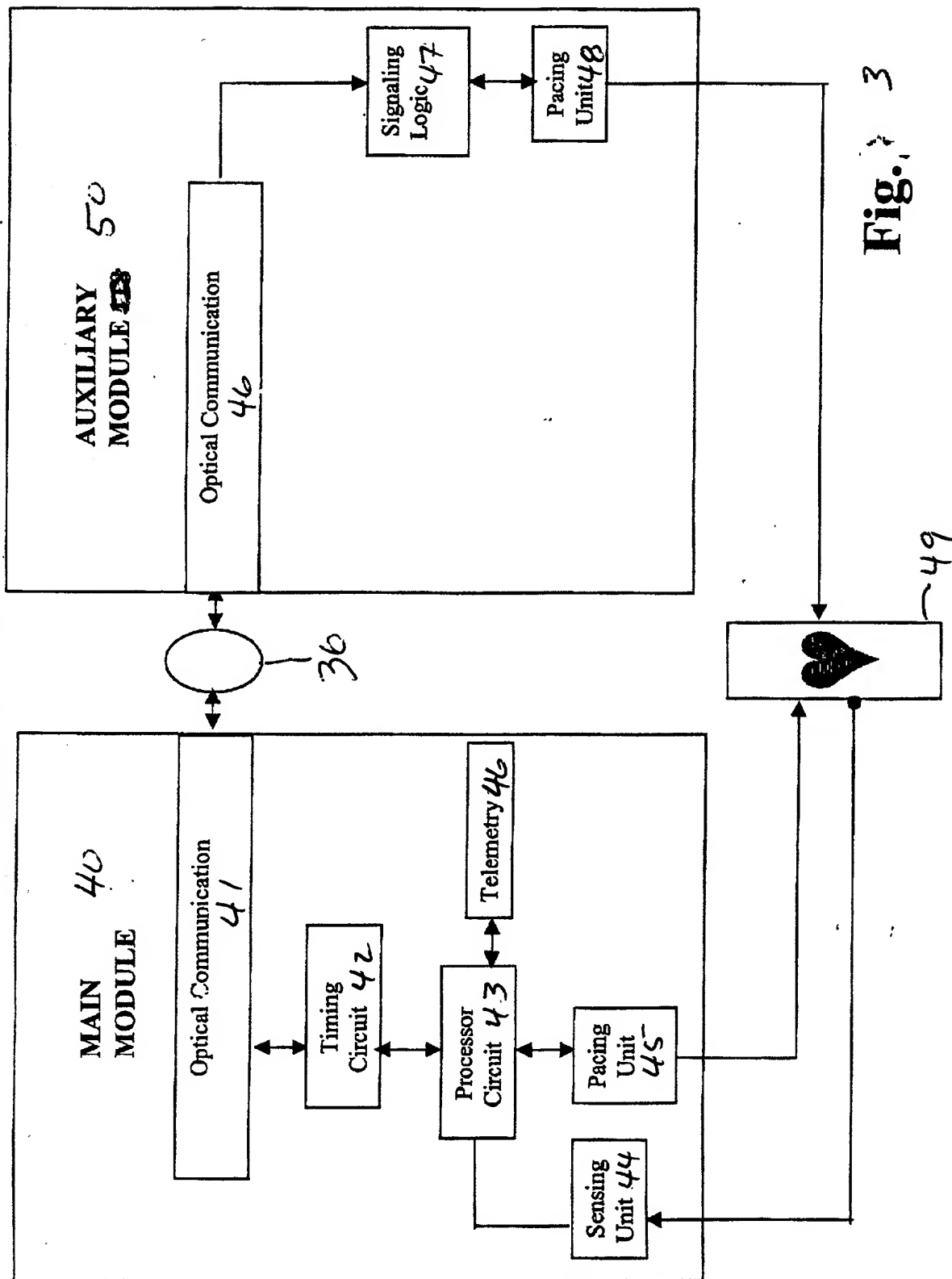
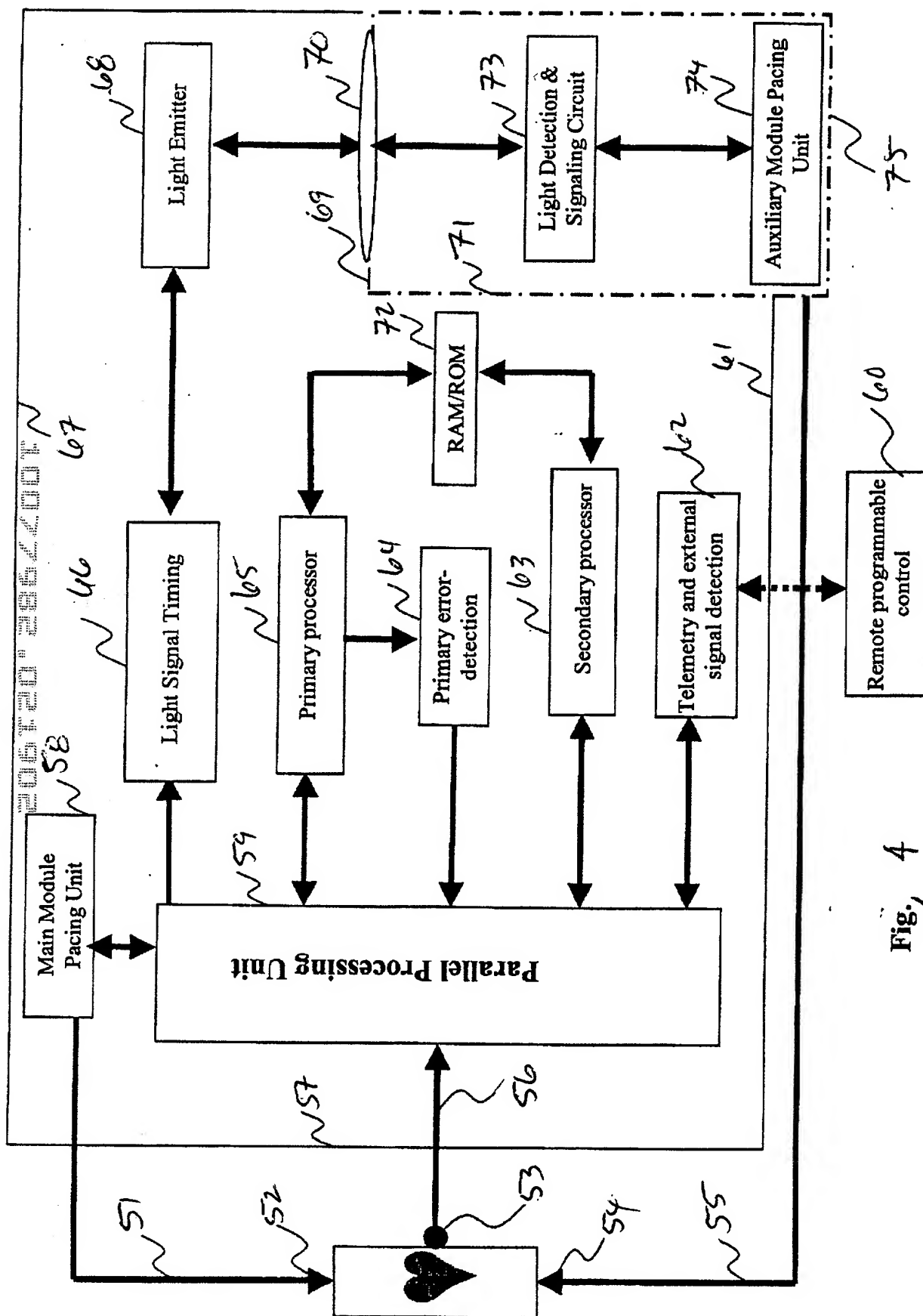


Fig. 3



570

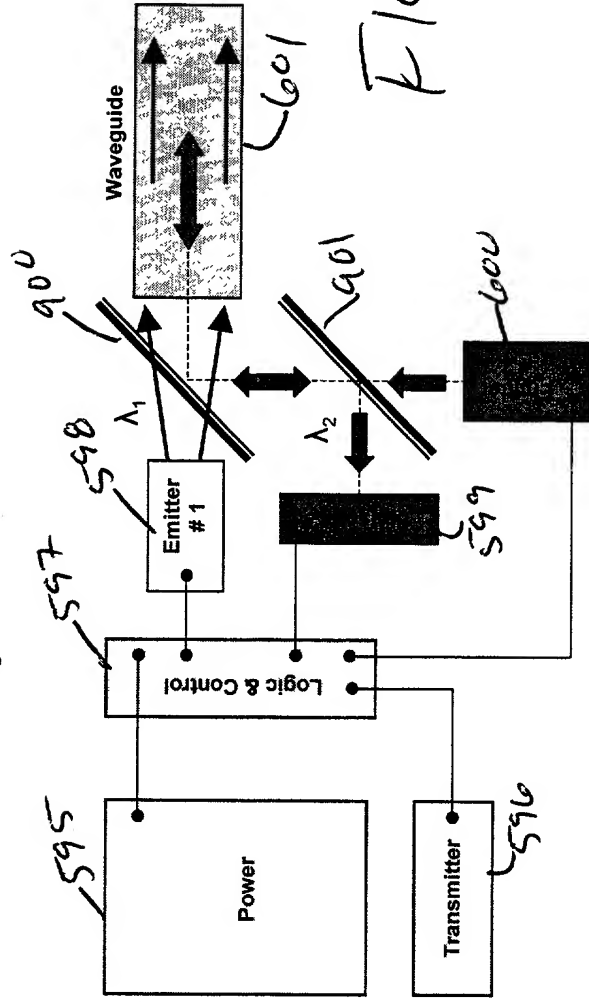


FIG 570

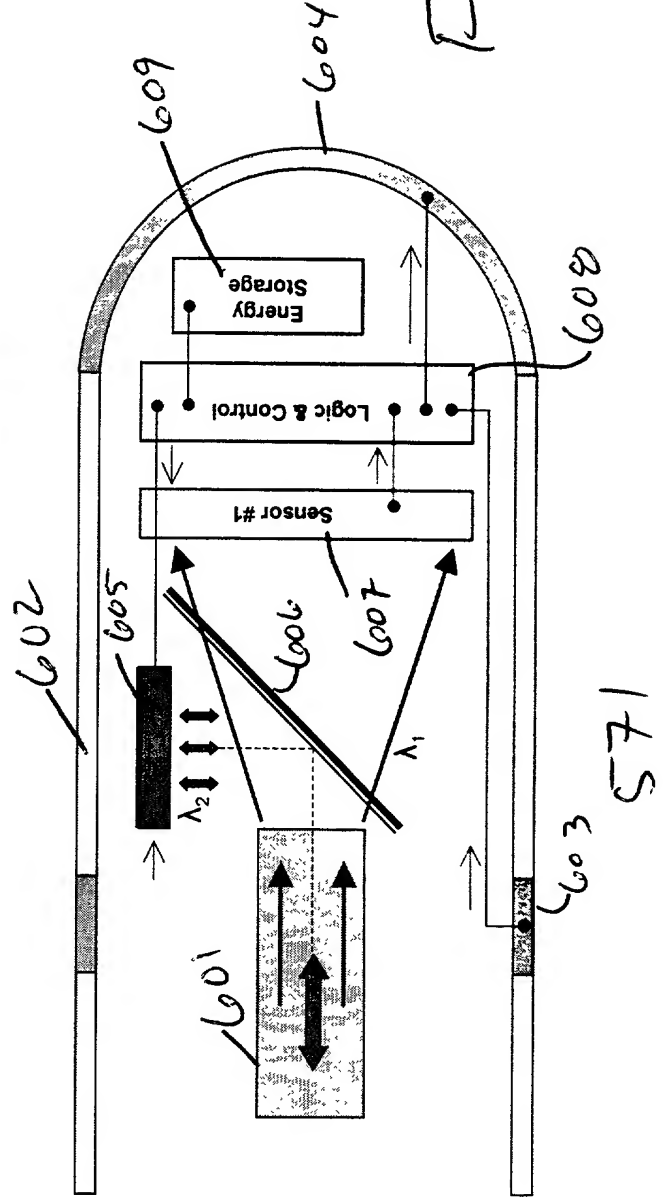


FIG 571

FIG 7

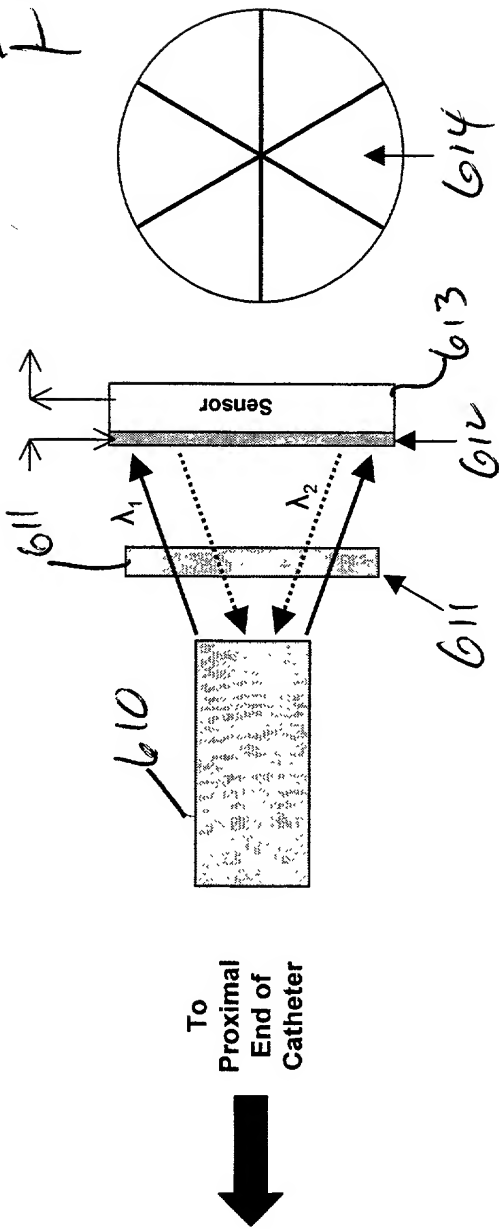
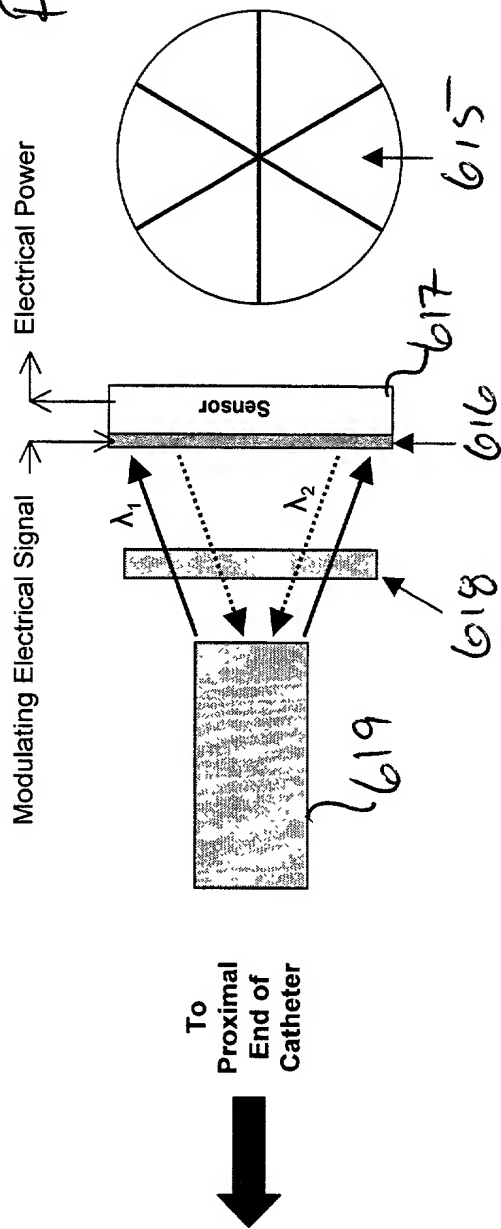
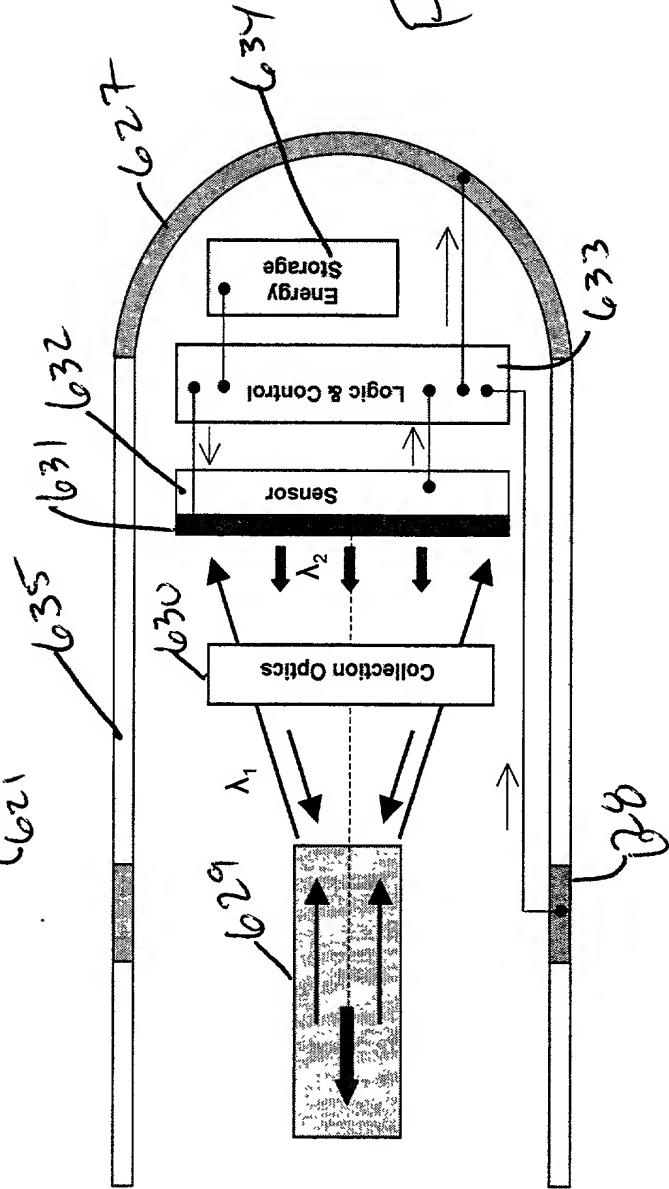
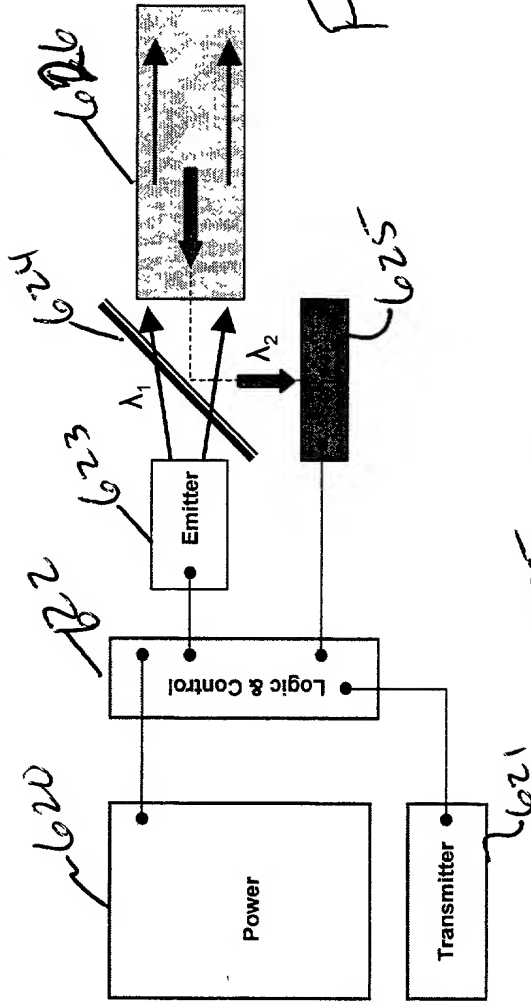
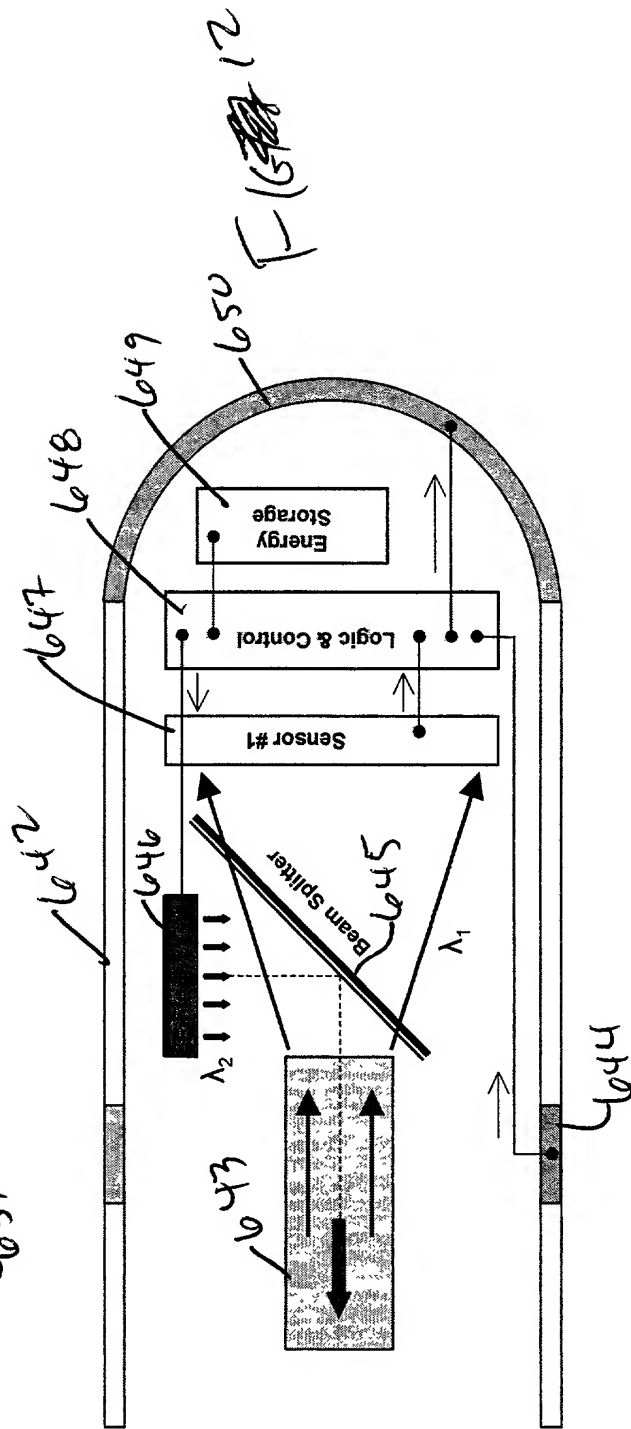
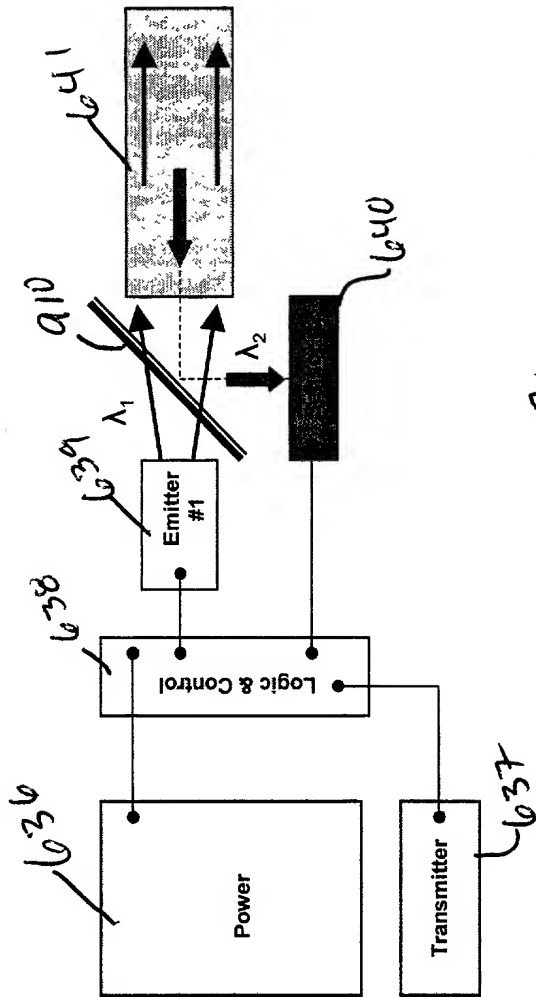


FIG 8







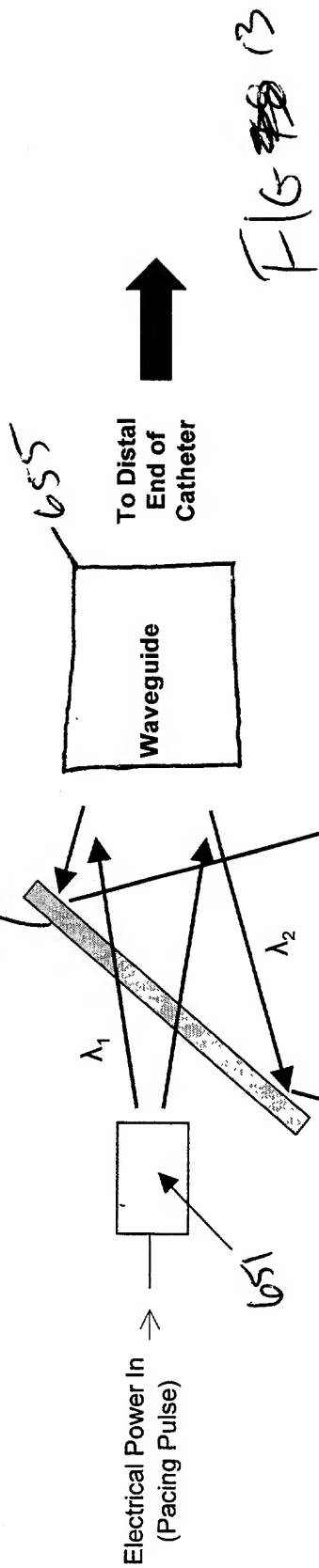
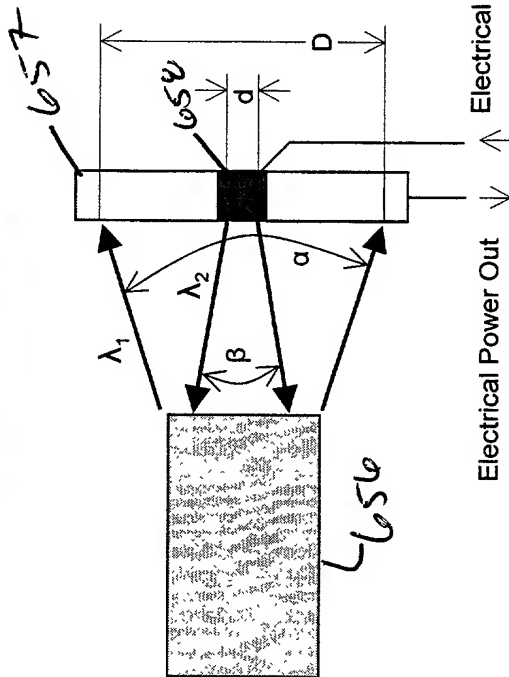


FIG 13

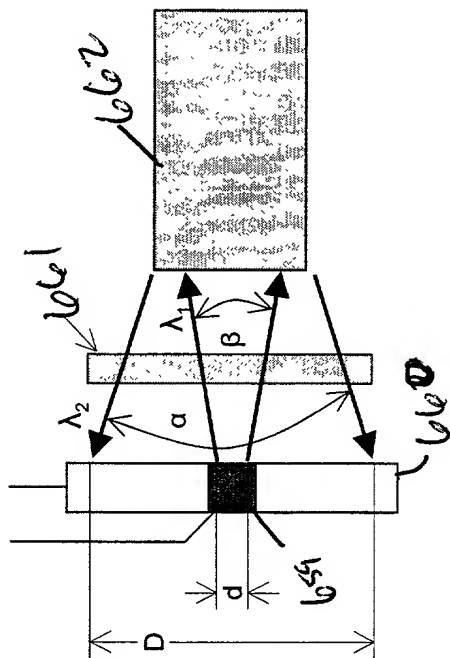
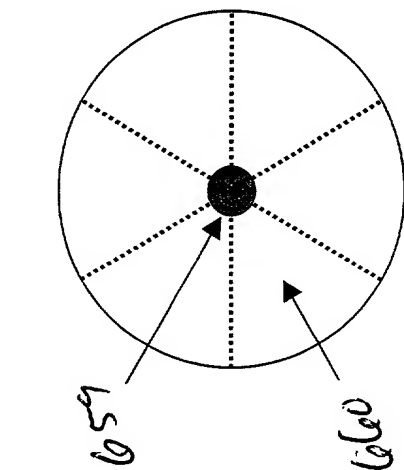
Electrical Signal Out



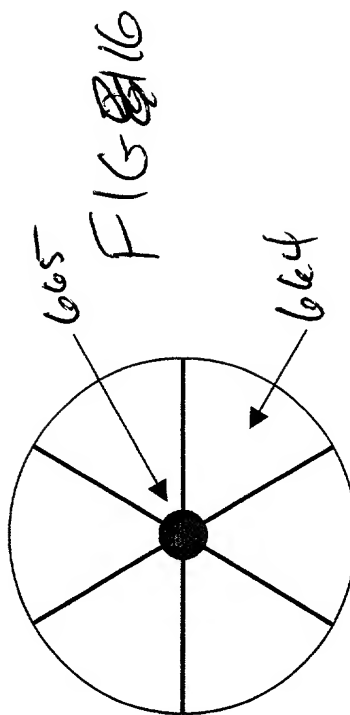
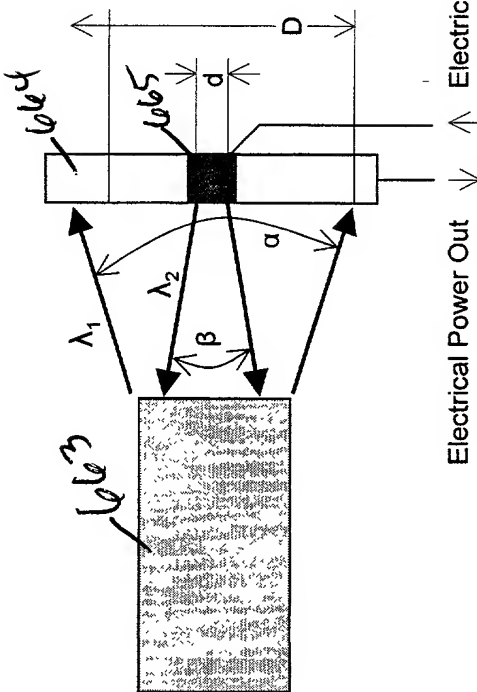
To Proximal End of Catheter

FIG 14

Electrical Power In \searrow \nearrow Electrical Signal Out



To Distal
End of
Catheter



Electrical Power Out \searrow \nearrow Electrical Signal In

To Proximal
End of
Catheter

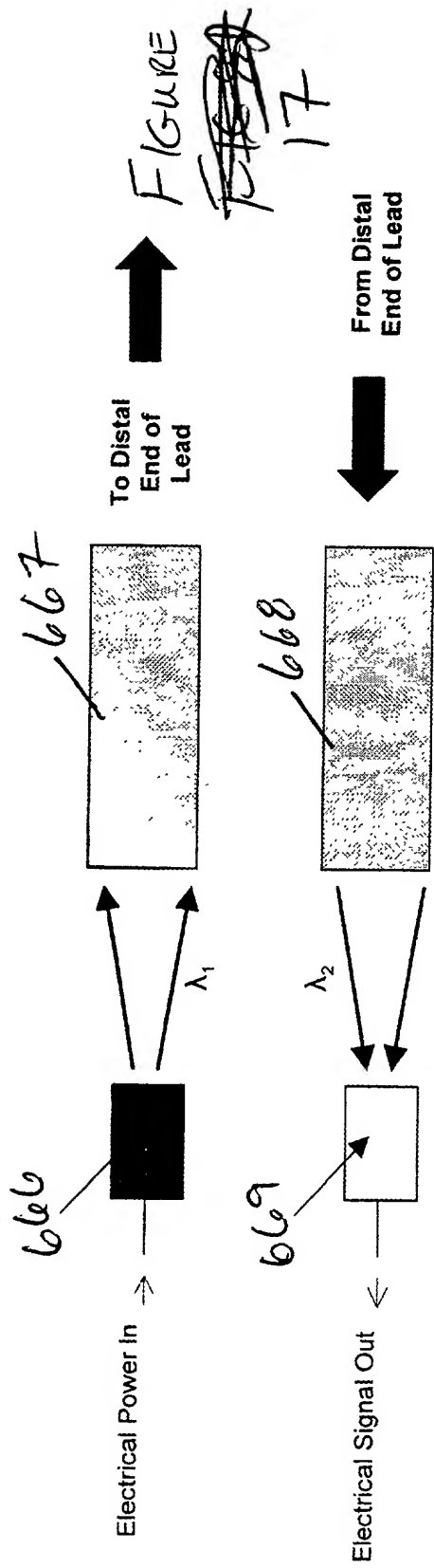


FIGURE
~~16~~
17

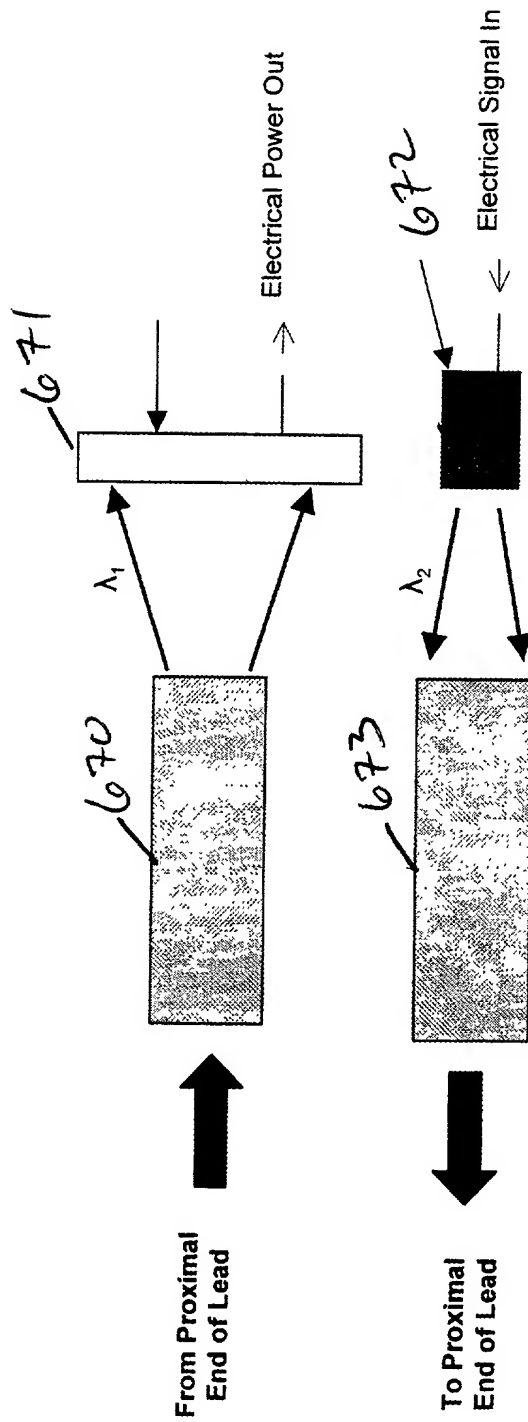
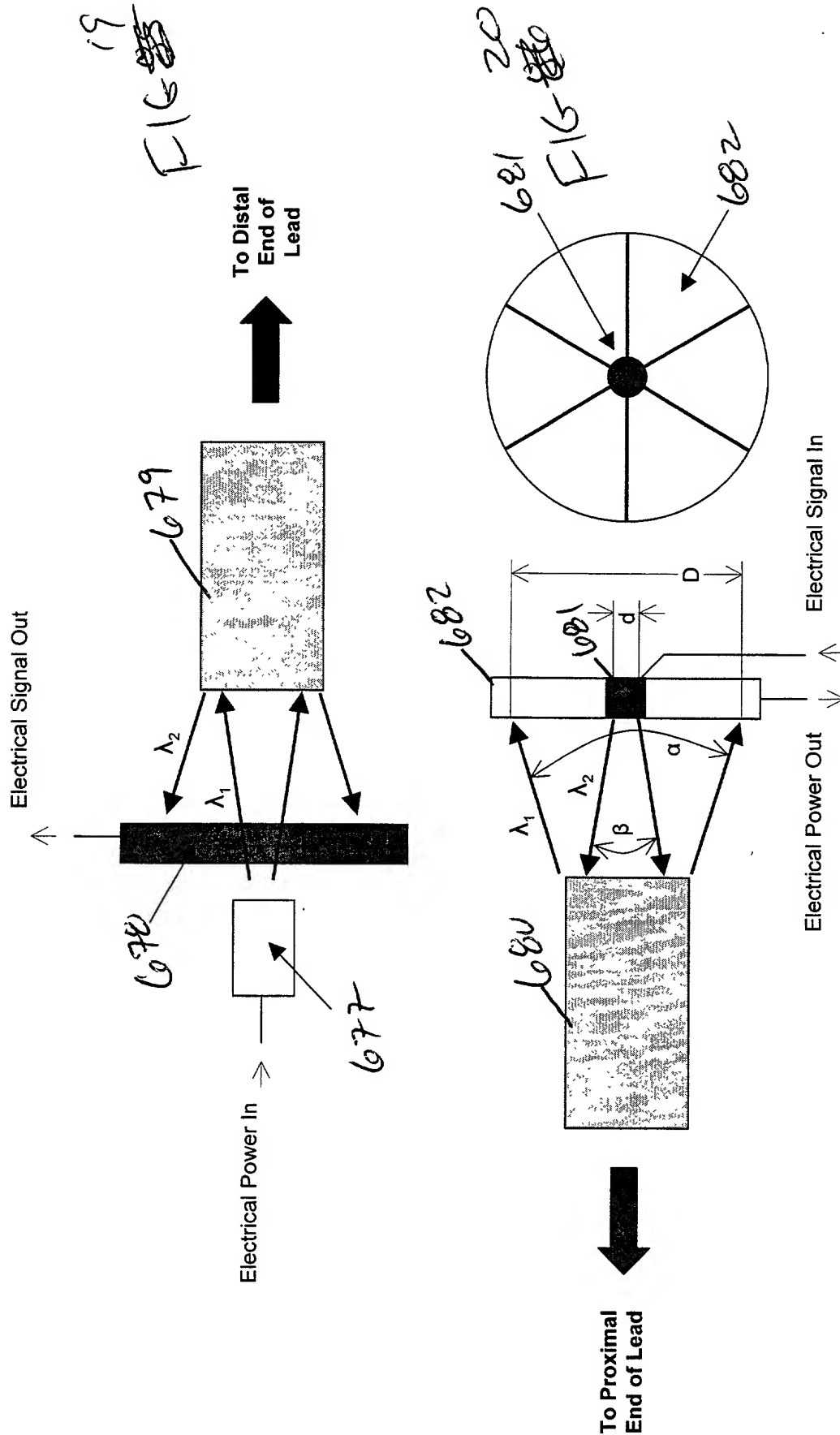


FIG
~~18~~
19



Fiber-optic coupling

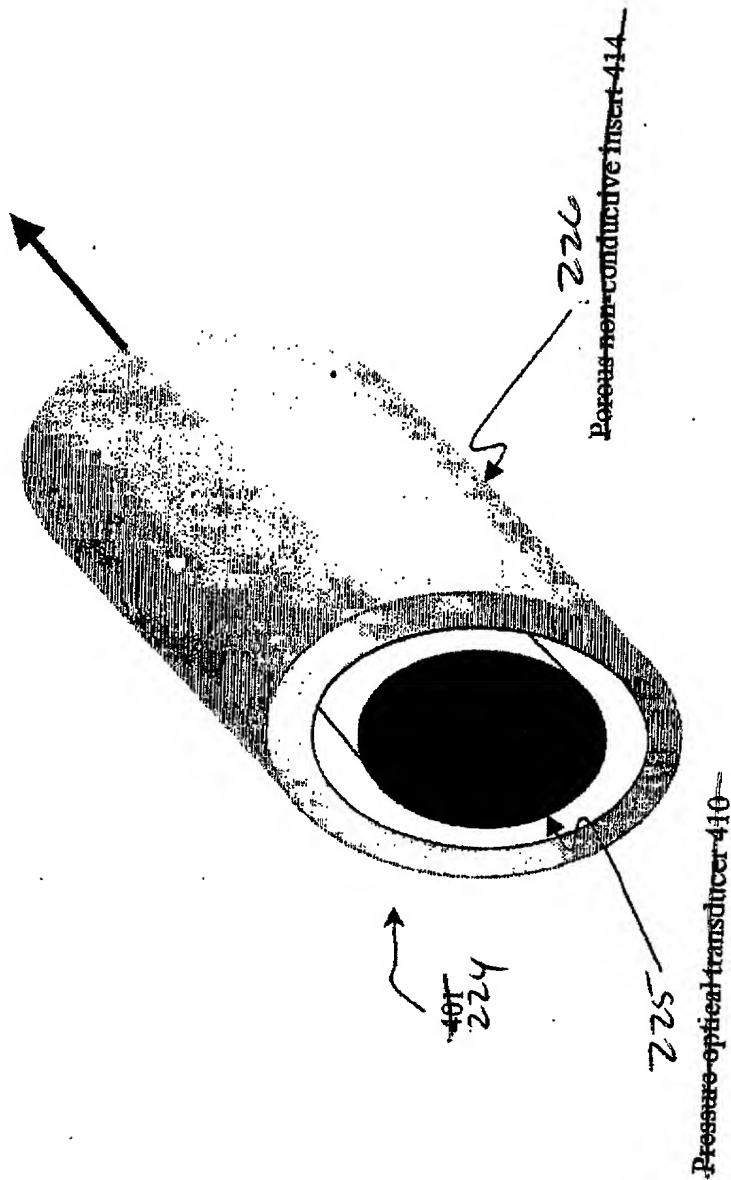


Fig. 21

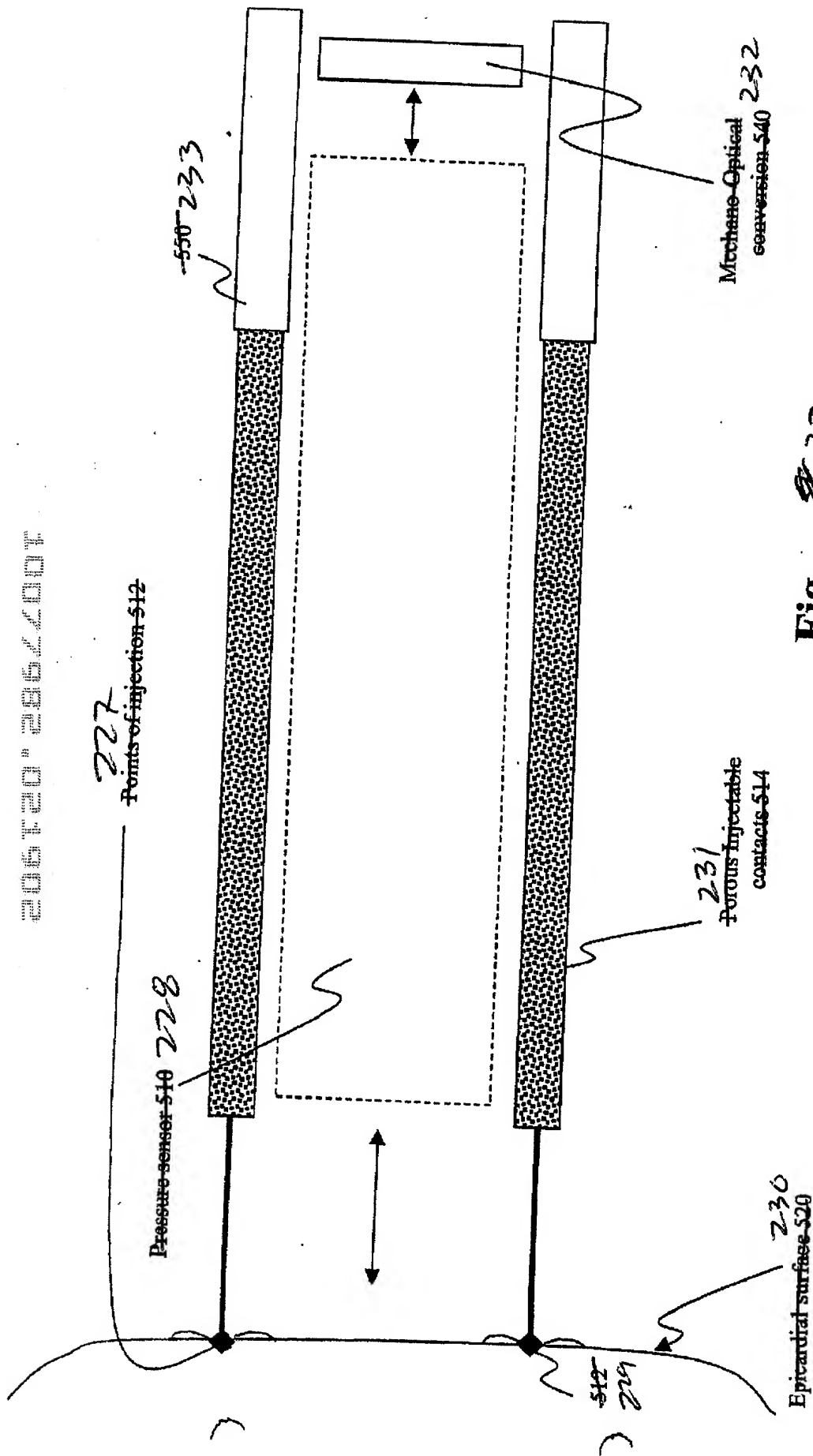


Fig. 22

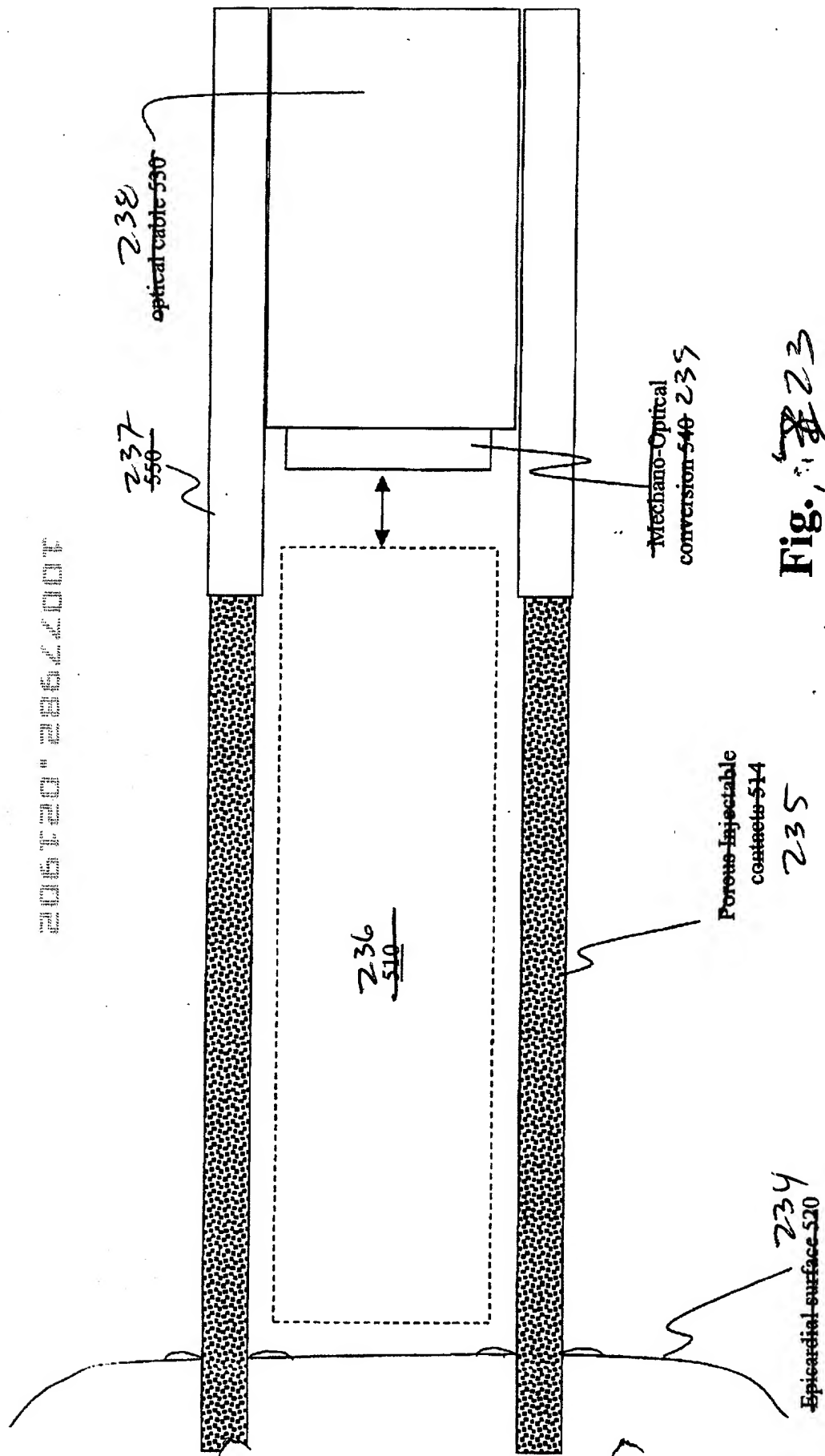


Fig. 23

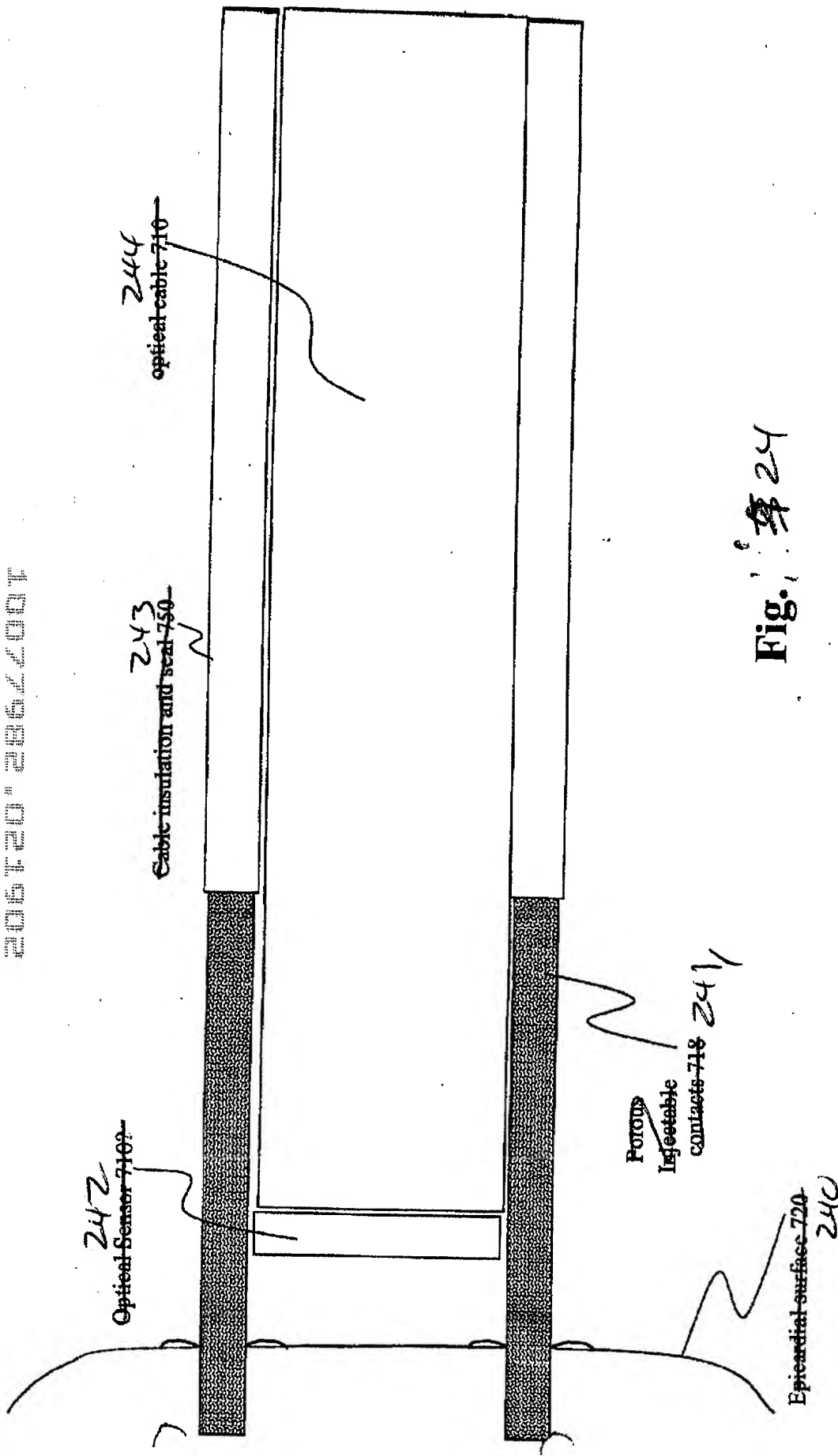


Fig. 24

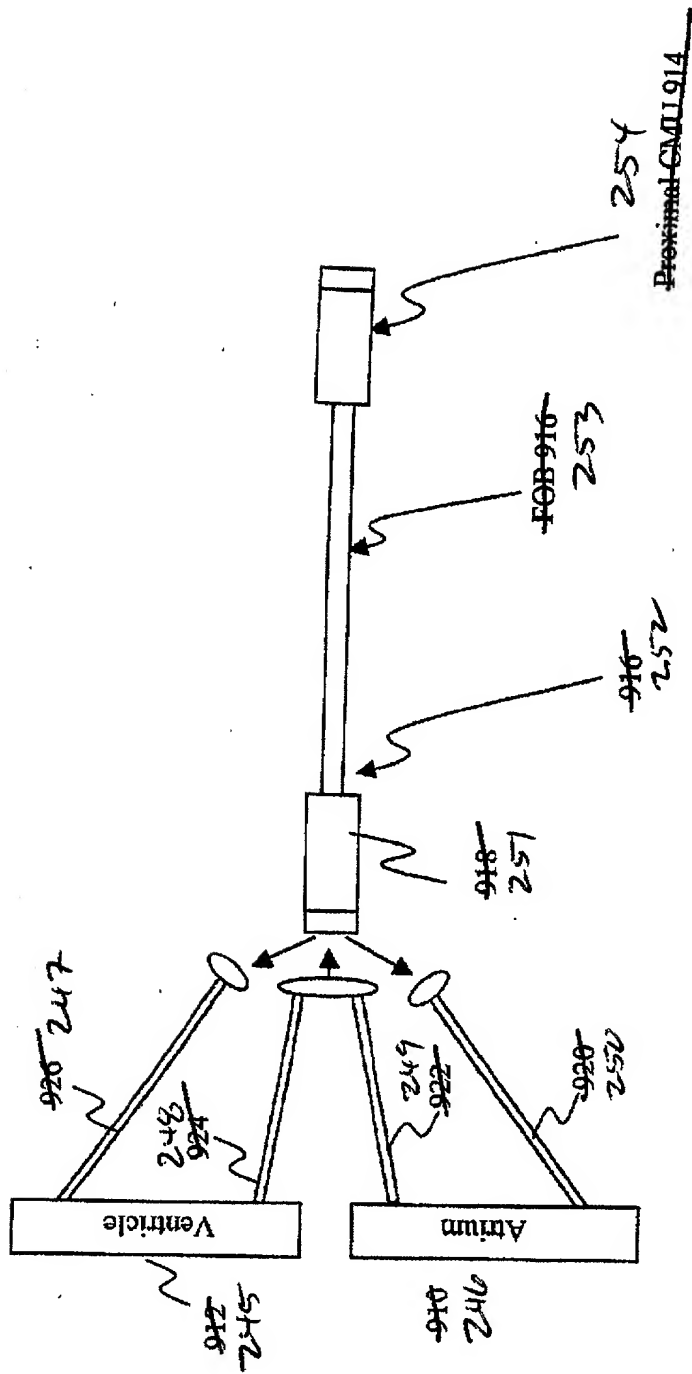


Fig. 25

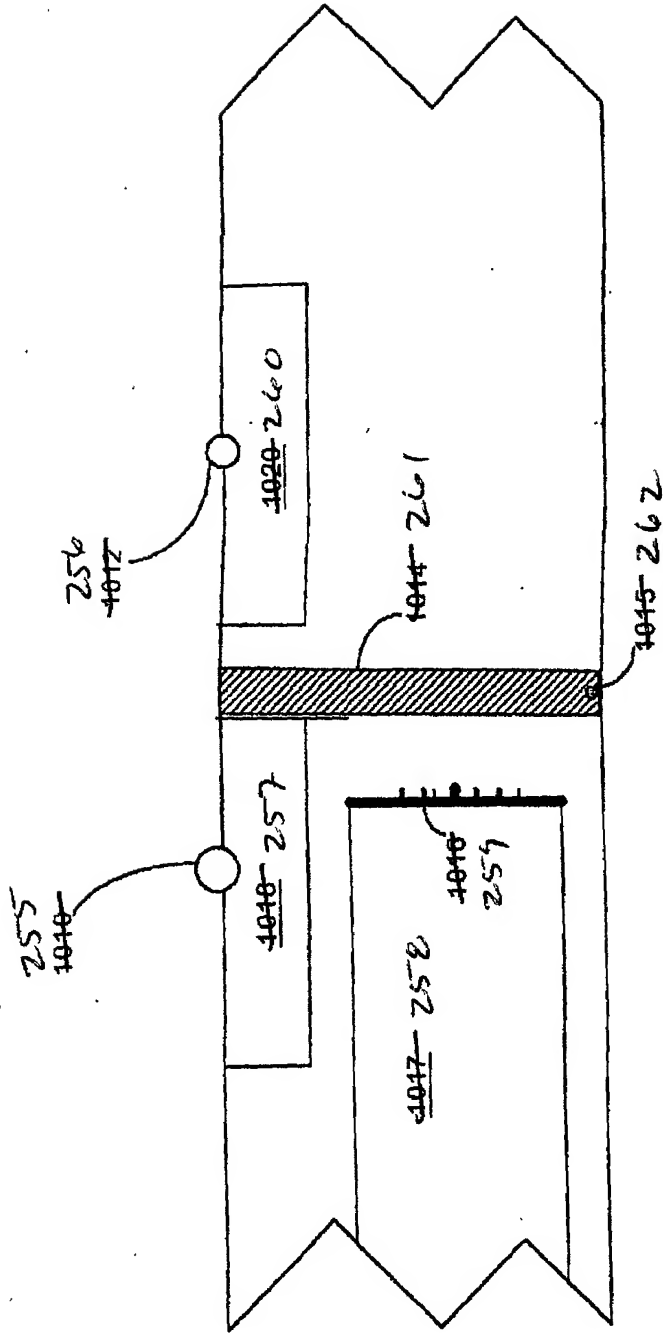


Fig. 26

#2

FIG 27

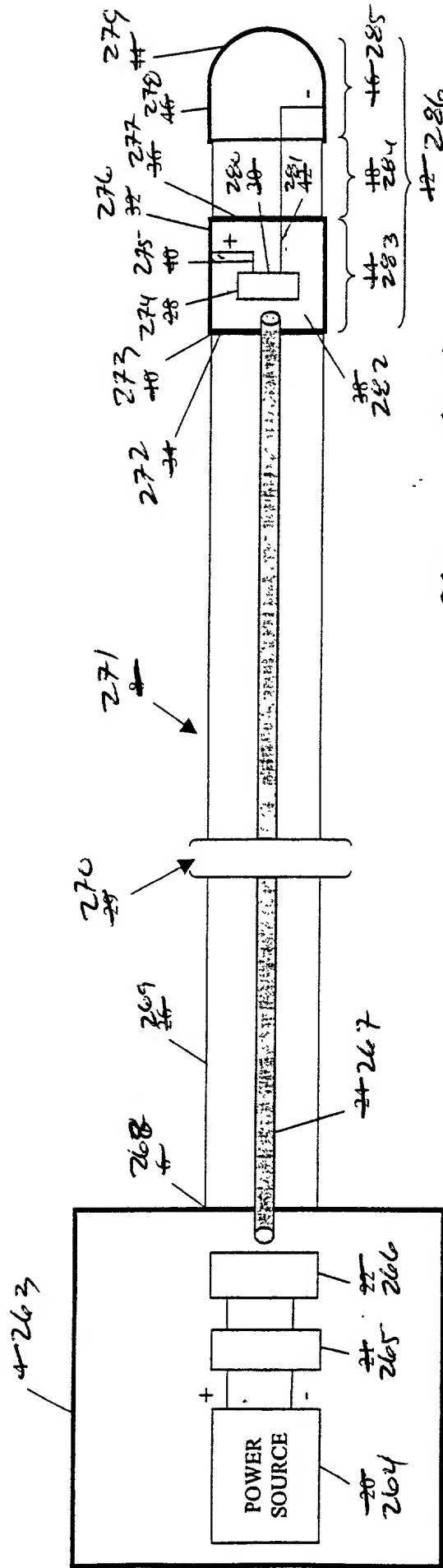


FIG. 28

FIG 2

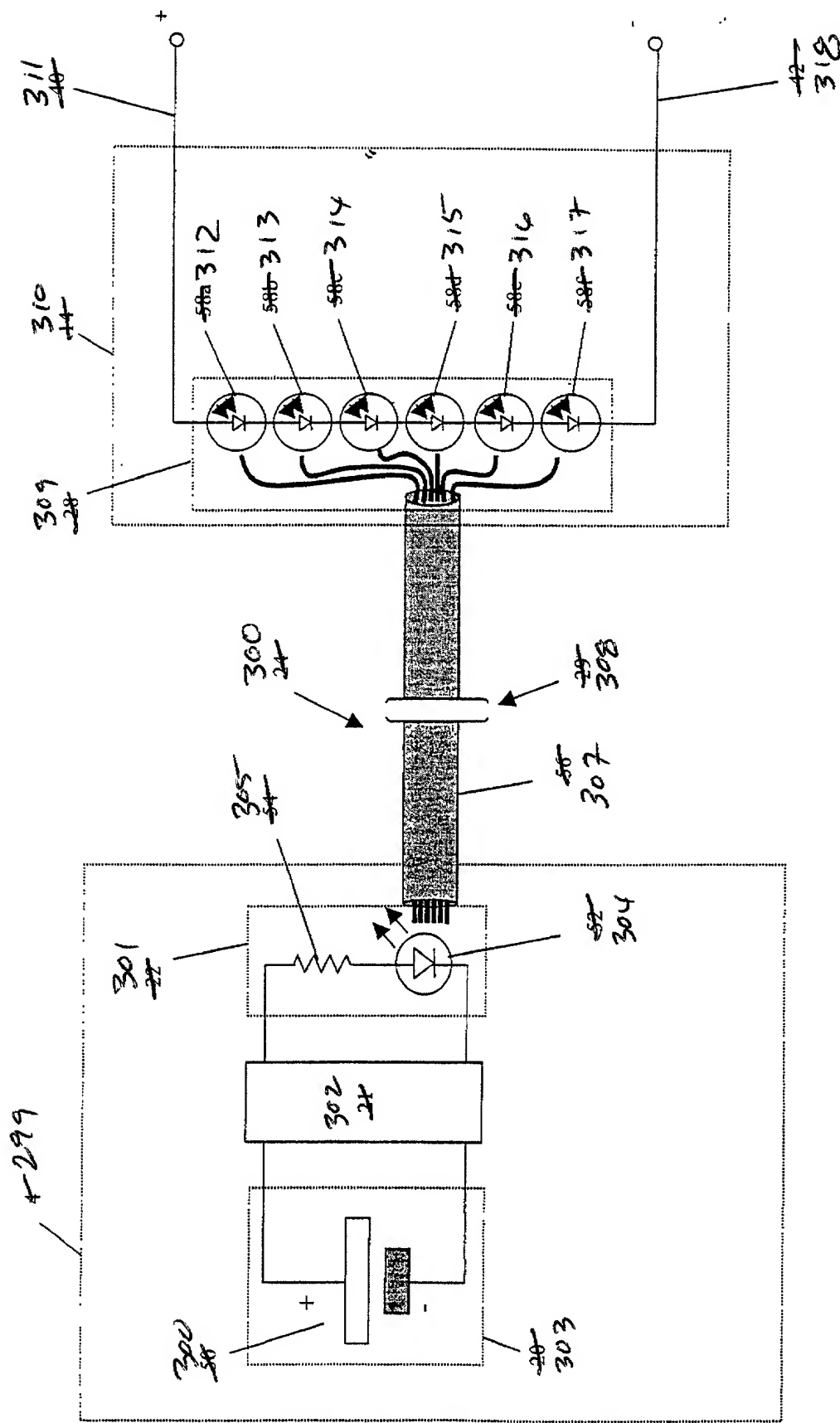


FIG. 29

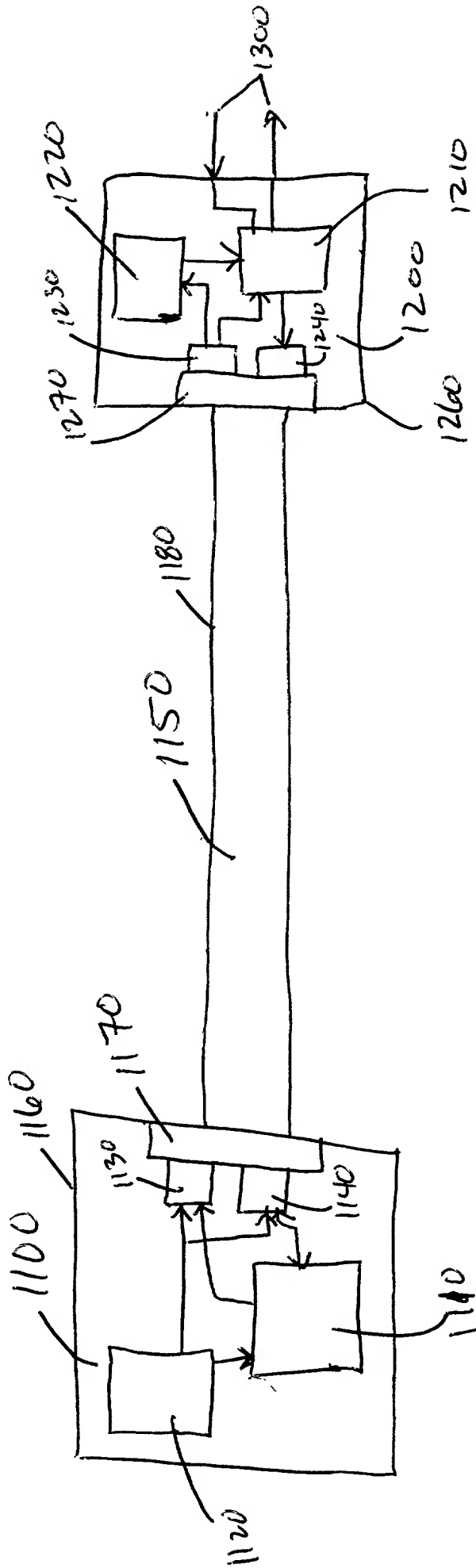
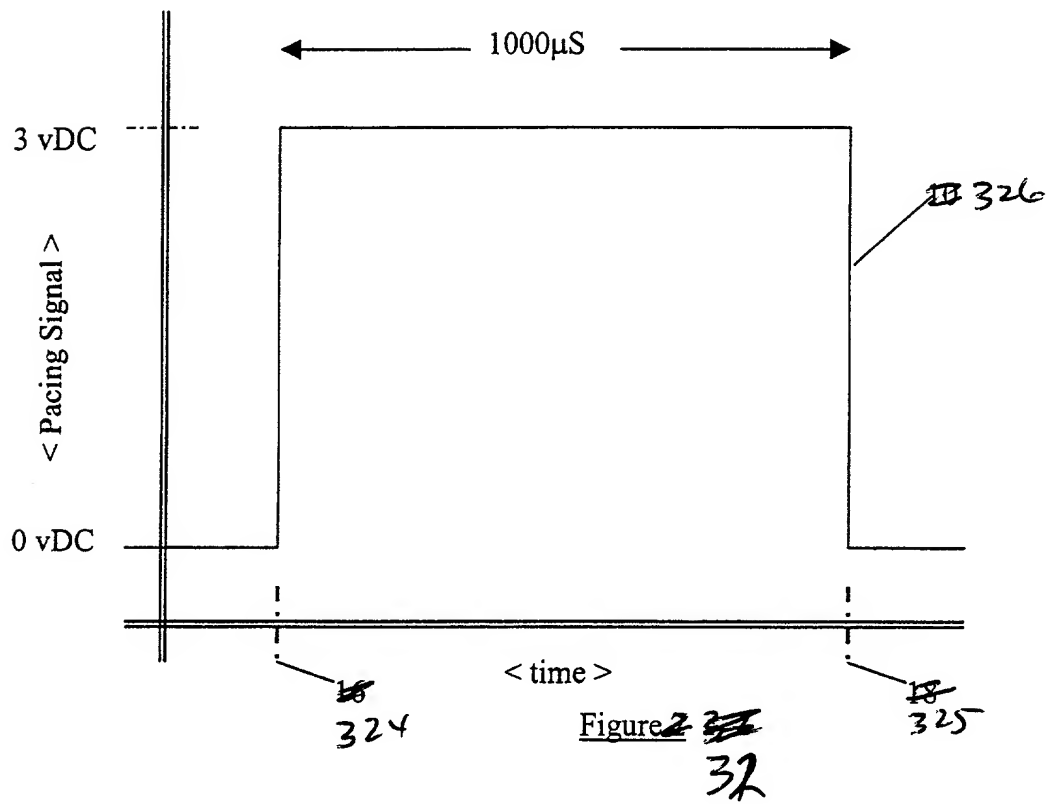
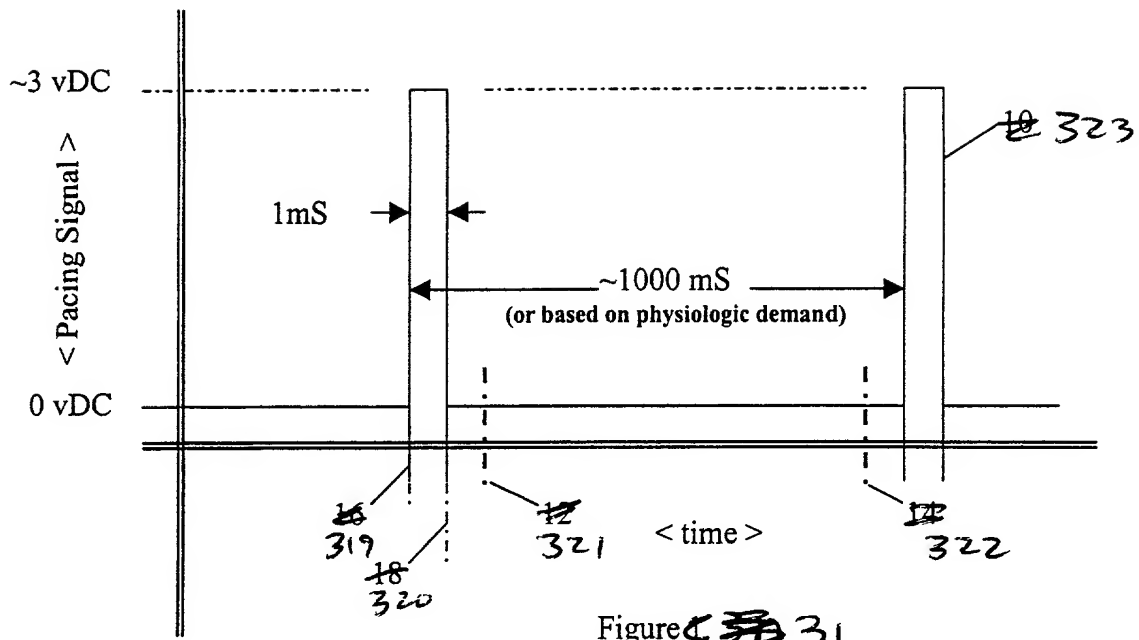


FIGURE 30



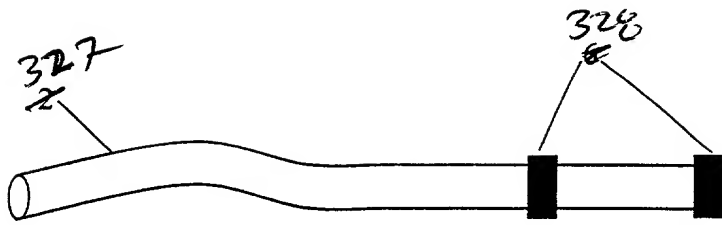


Figure ~~33~~ 33

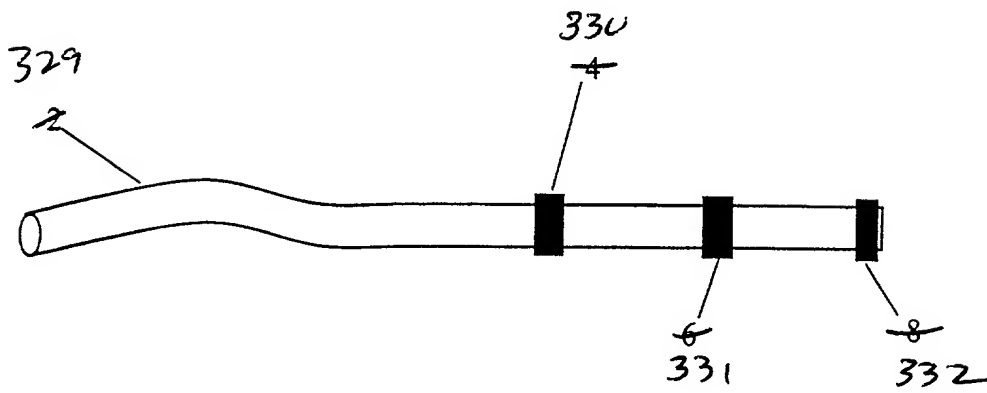


Figure ~~34~~ 34

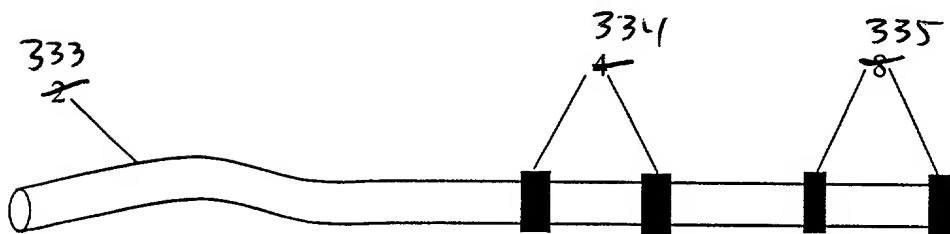


Figure ~~35~~ 35

~~FIGURE 36~~

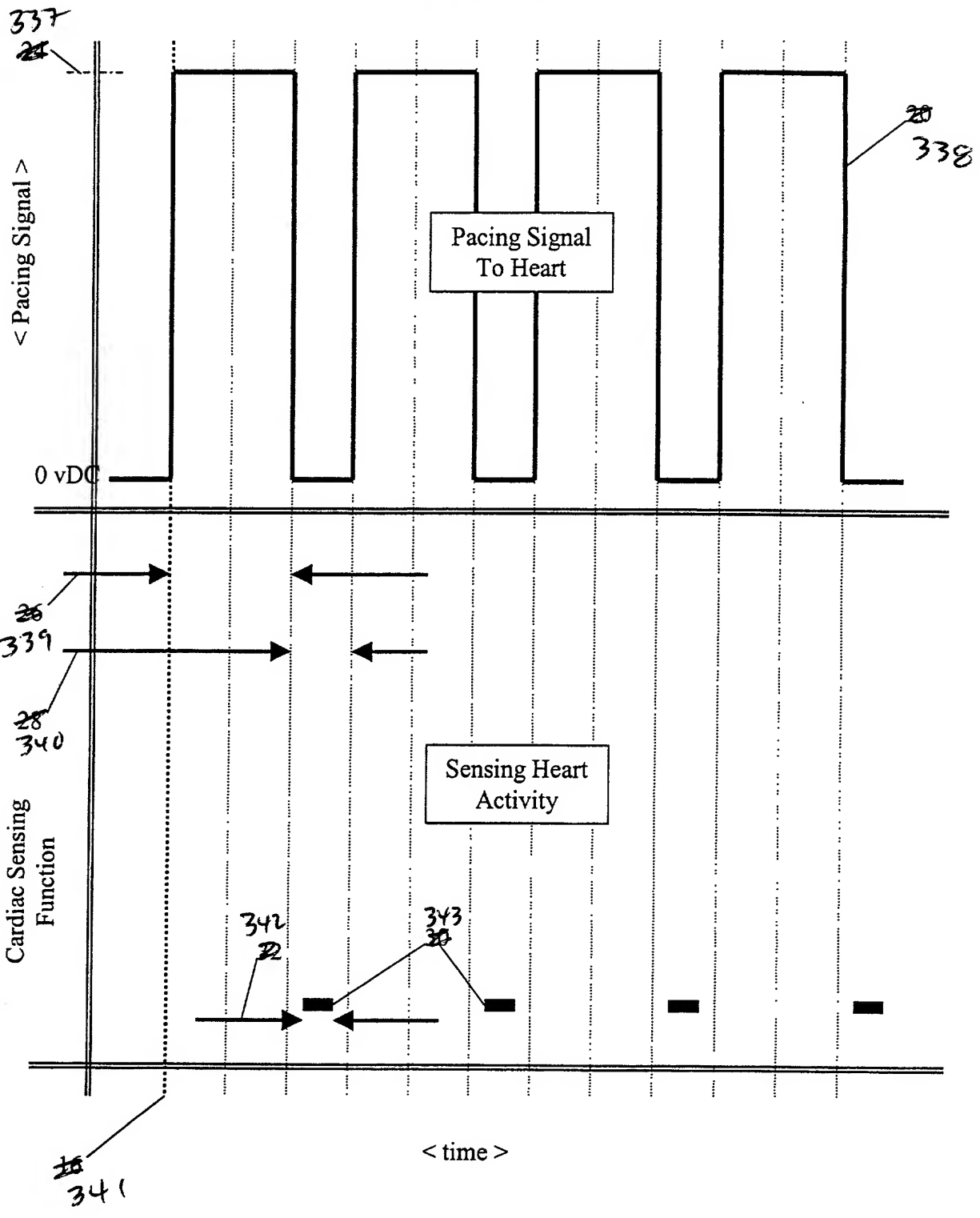


Figure 36

[illegible]

Figure 37

20061201 2256200T

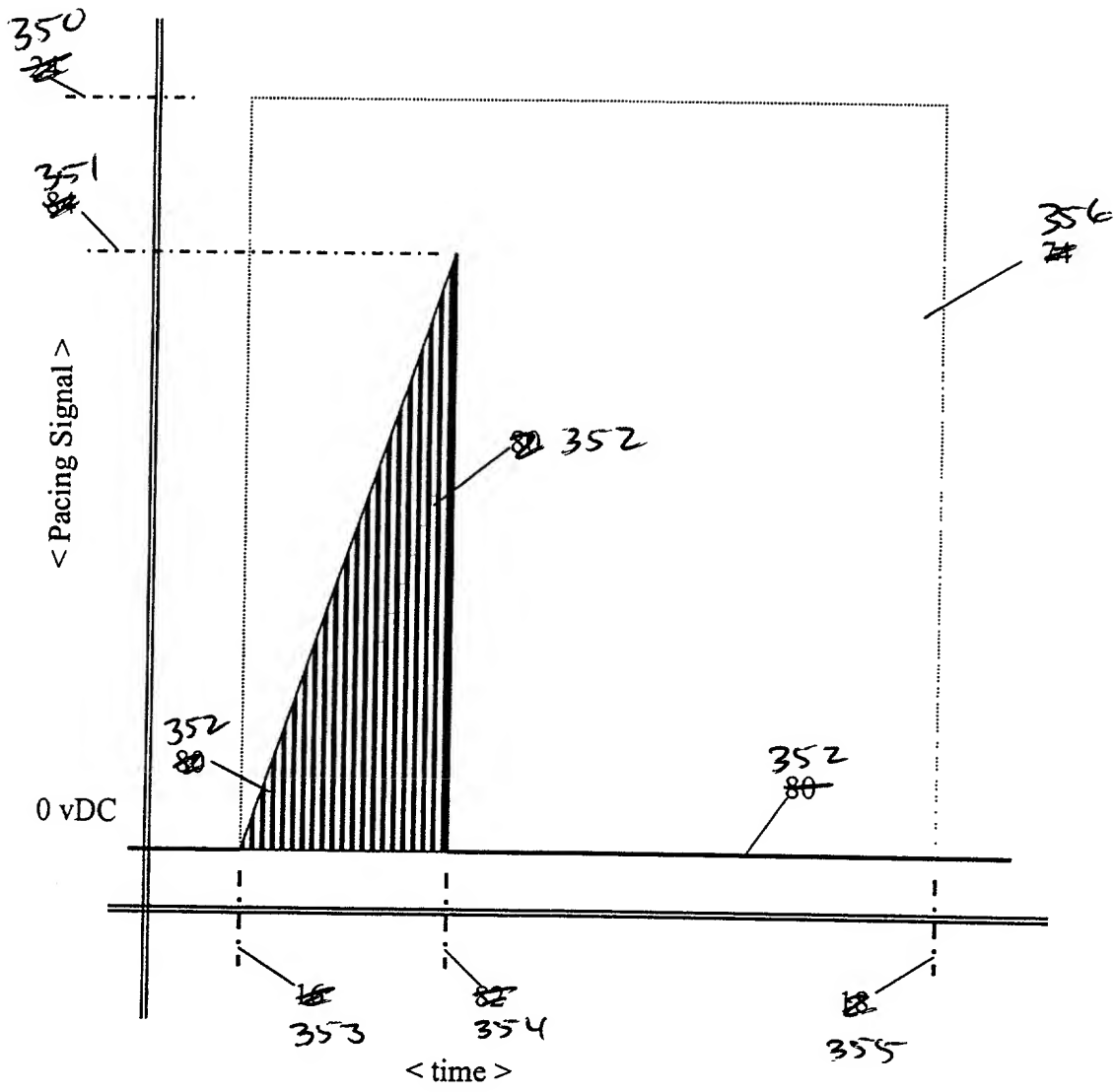


Figure 38

20079820.0100

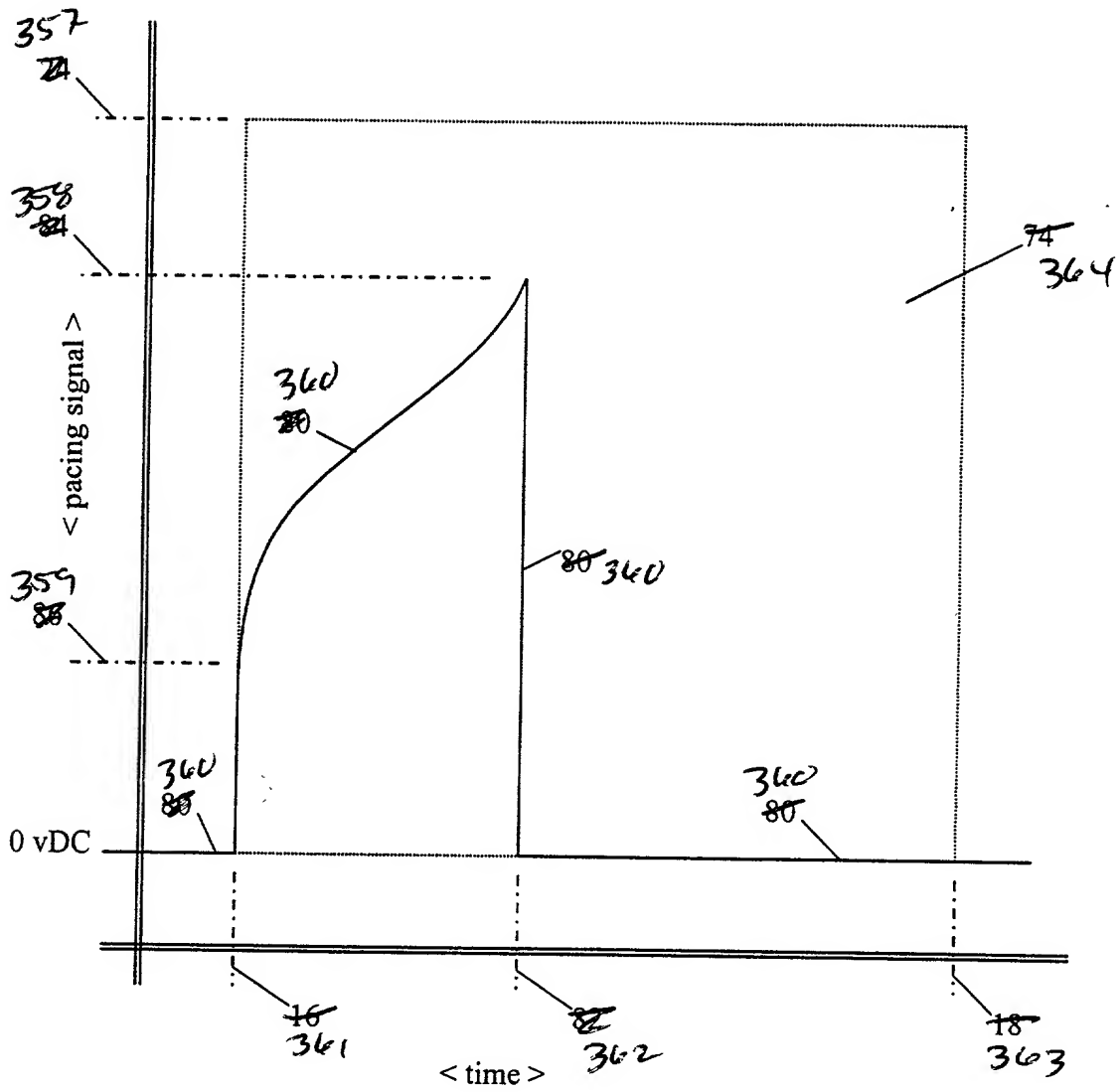


Figure 39

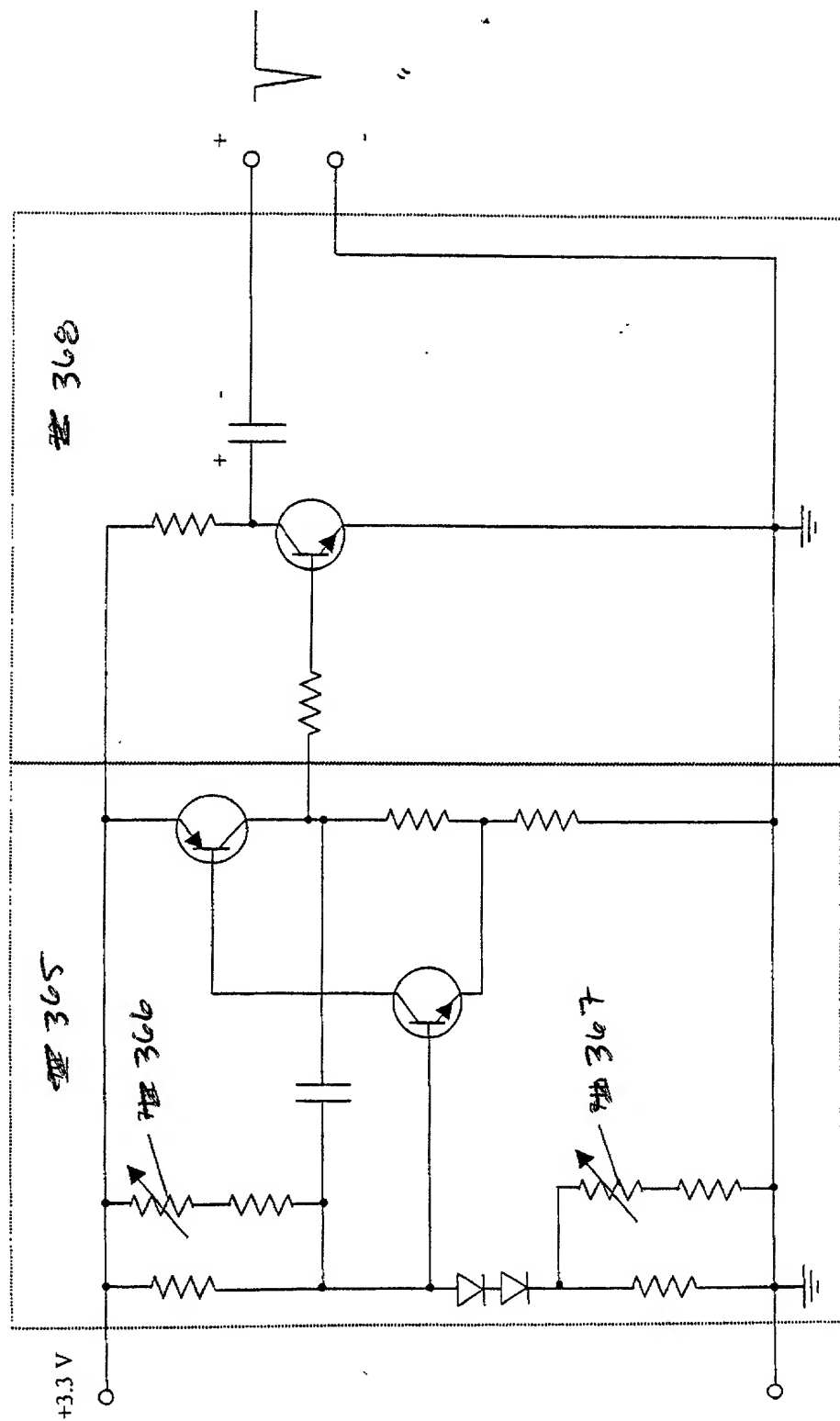
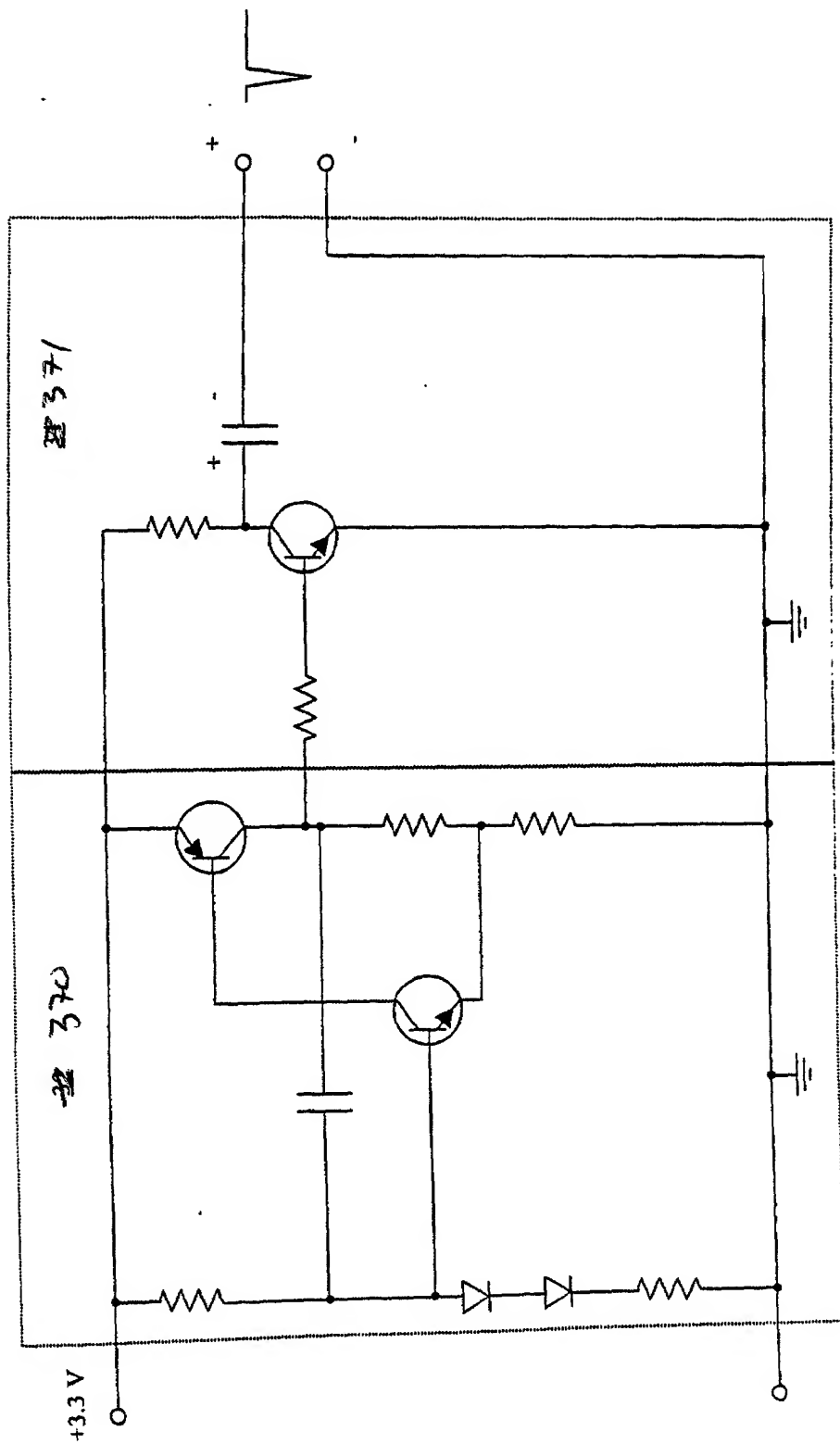


FIG. 40

2369



372

FIG. 341

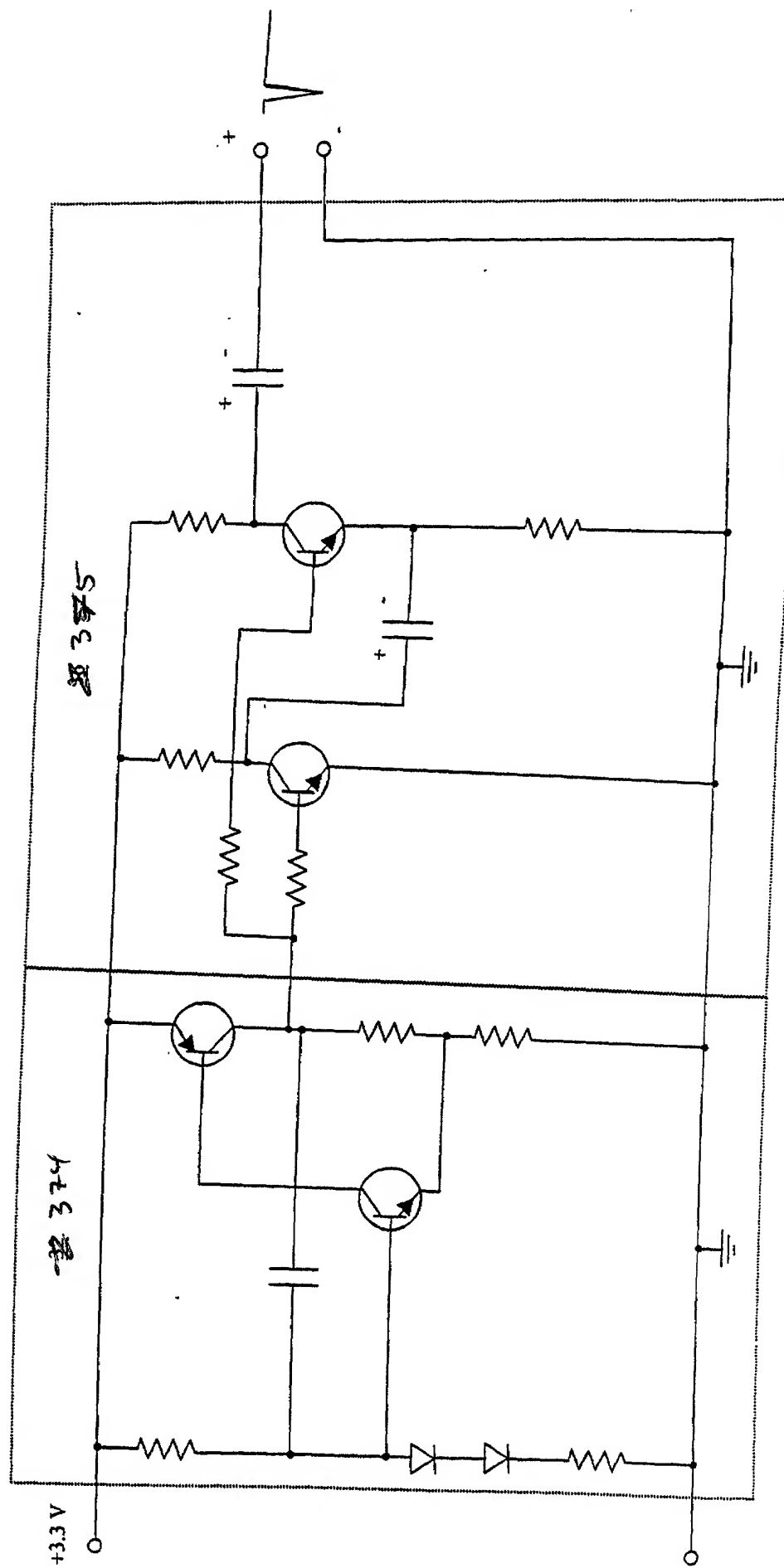


FIG. 442

373

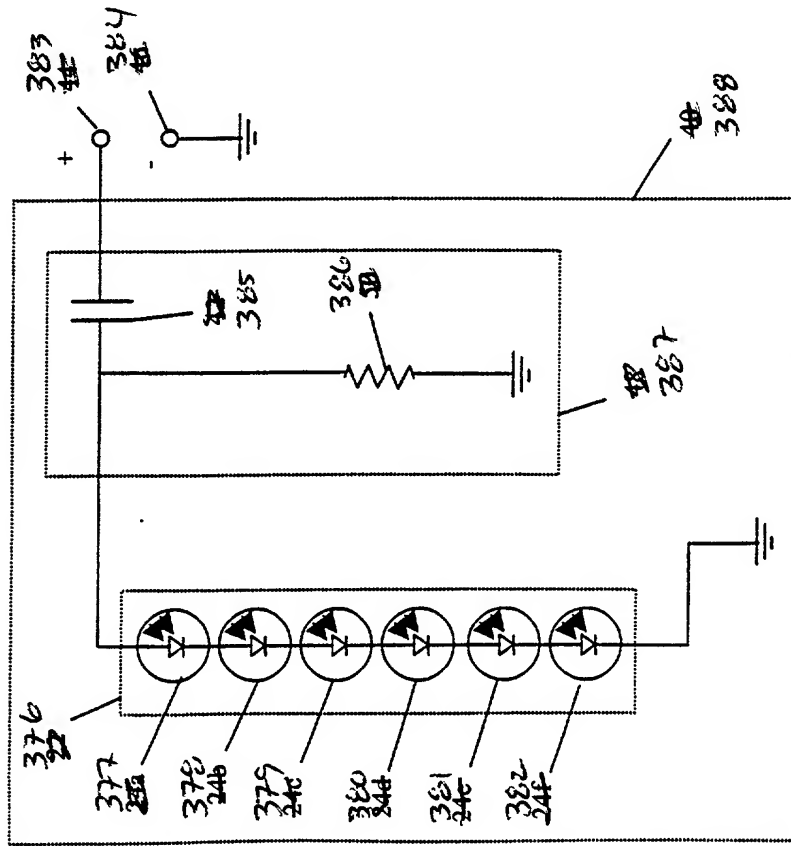


FIG. 843

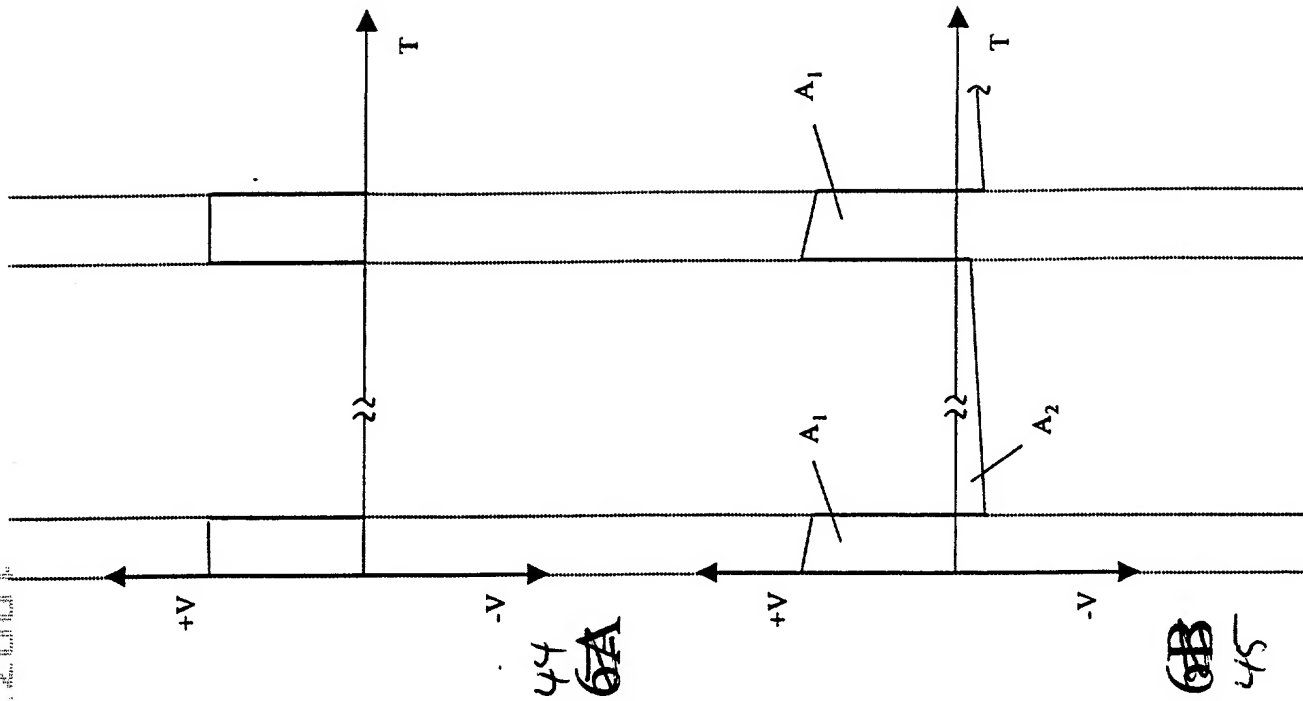


FIG. 6A

FIG. 6B

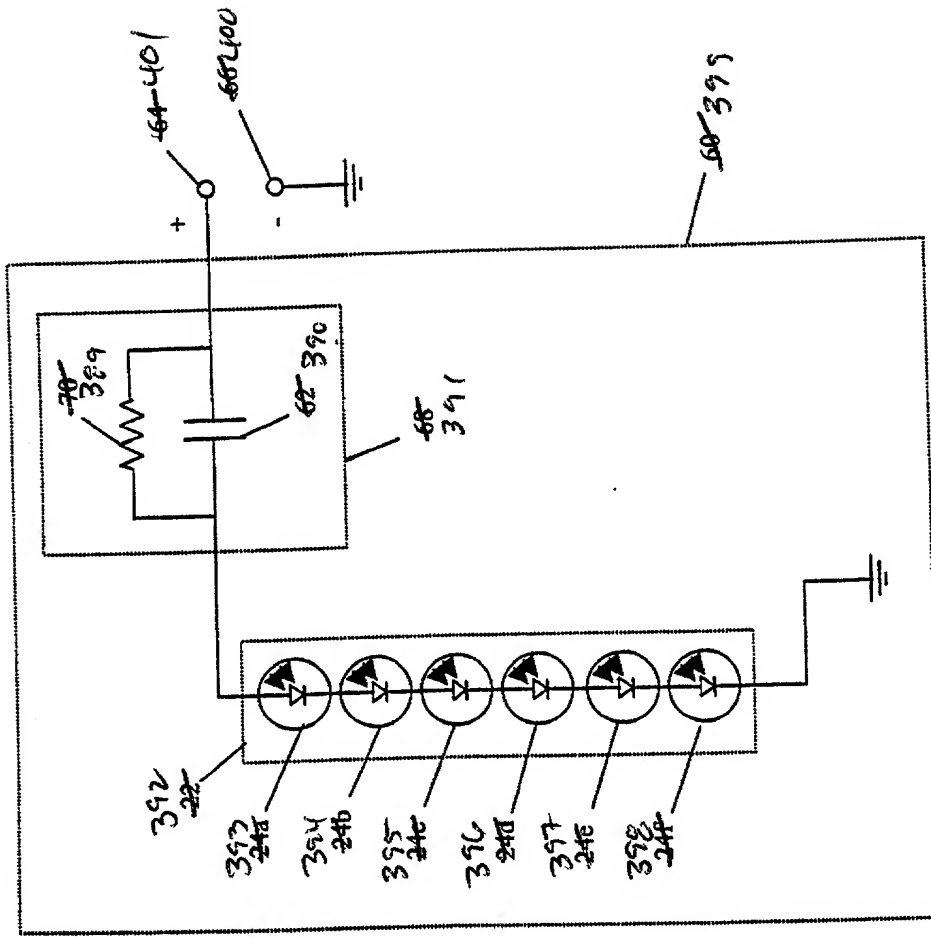


FIG. 340

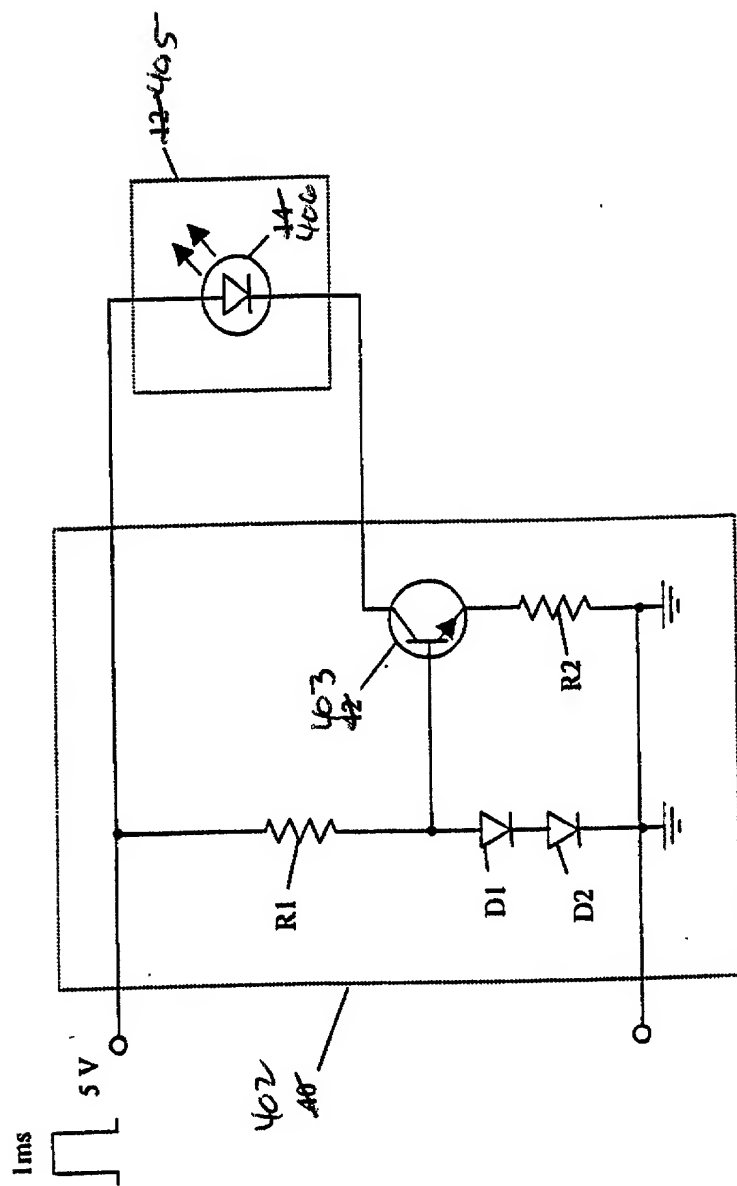


FIG. 47

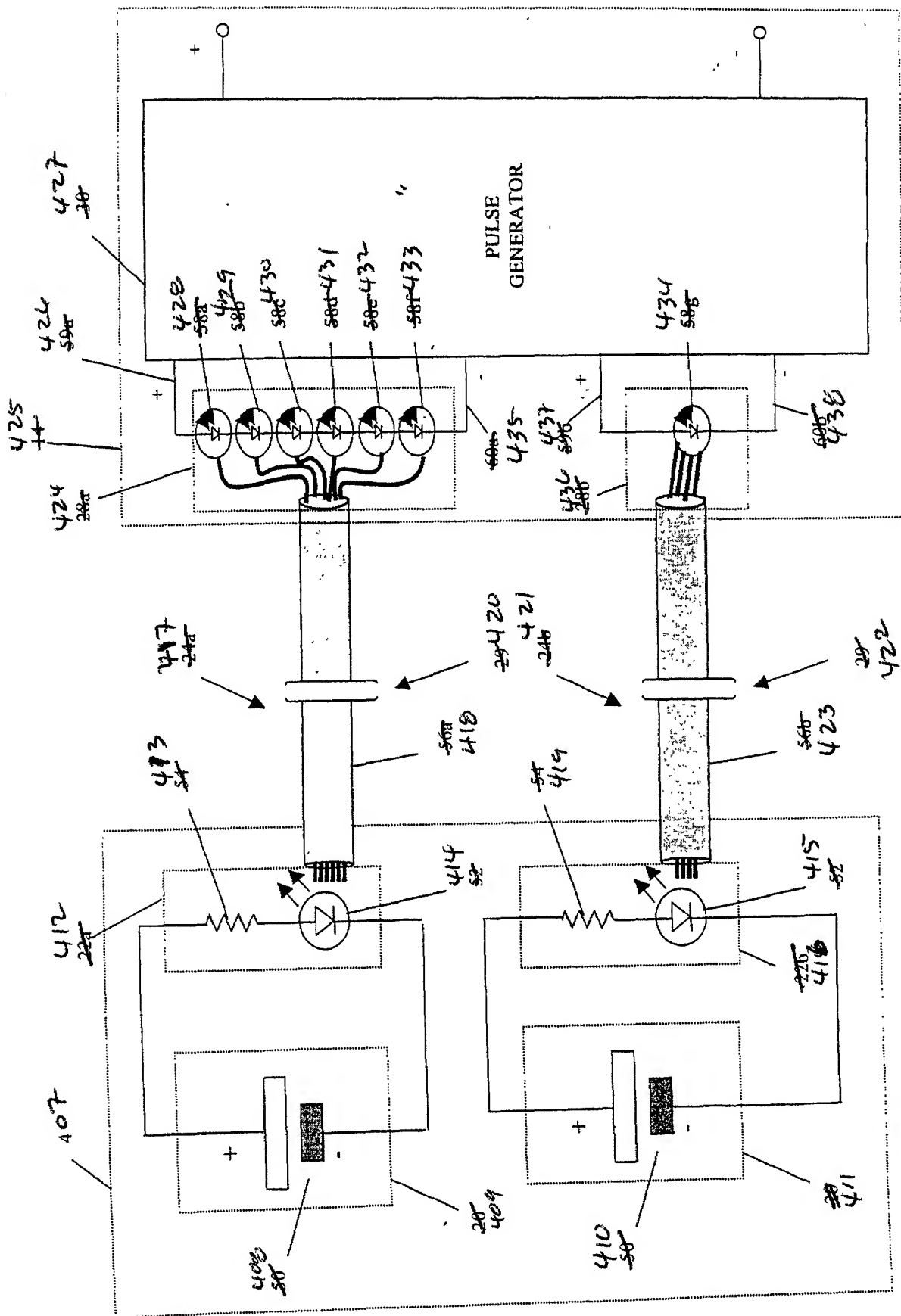


FIG. 348

206120-286444T

440

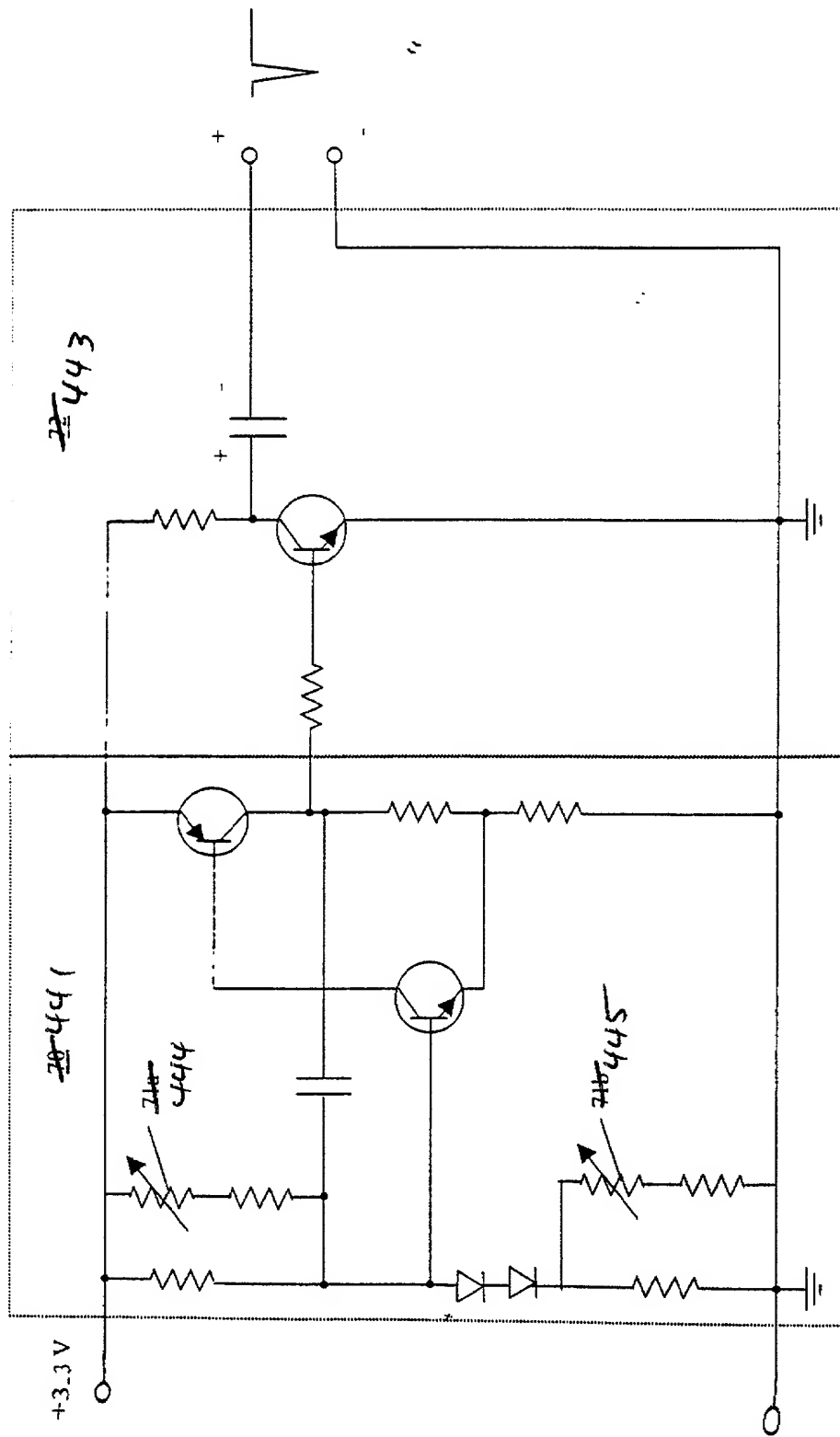


FIG. 449

20-439

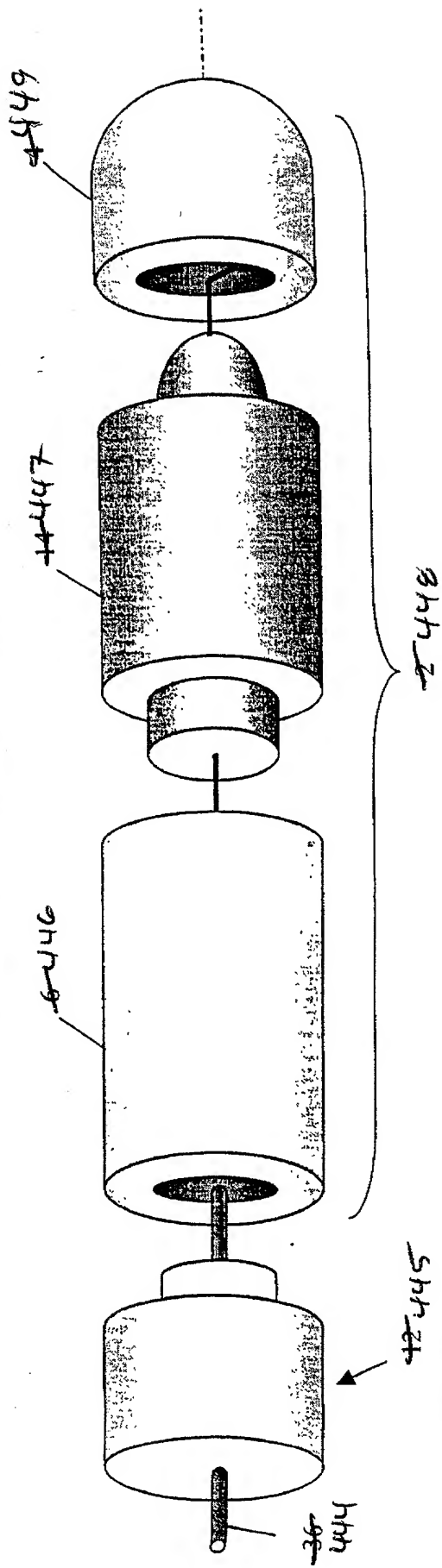


FIG. 450

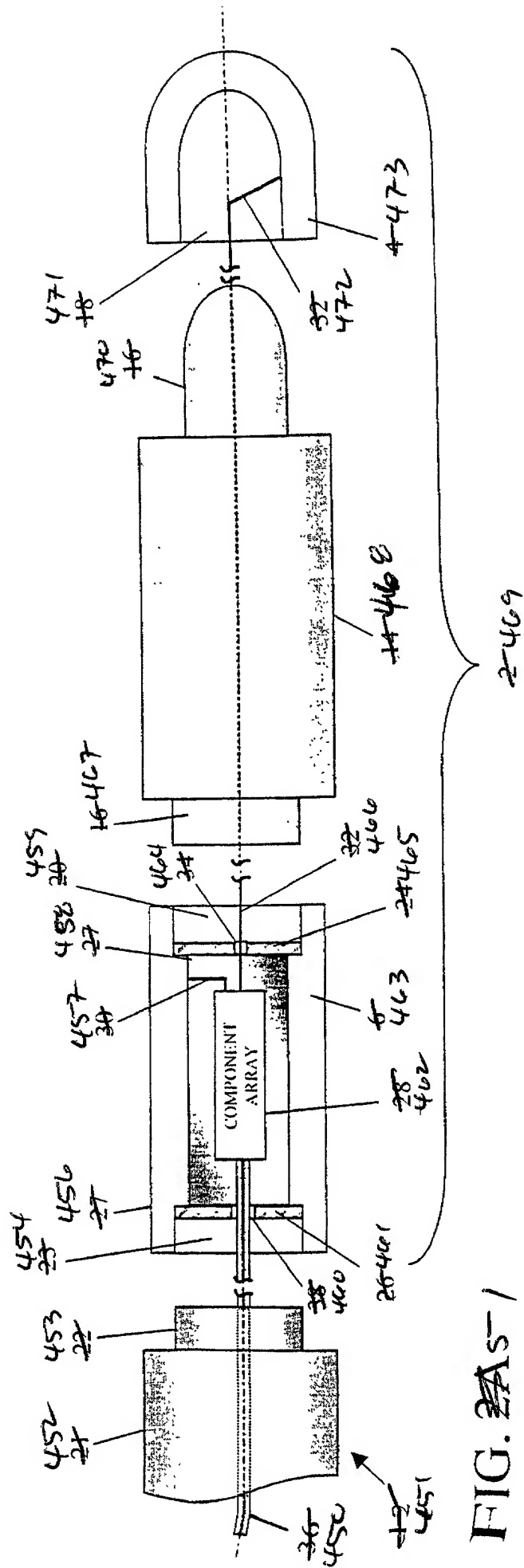


FIG. 451

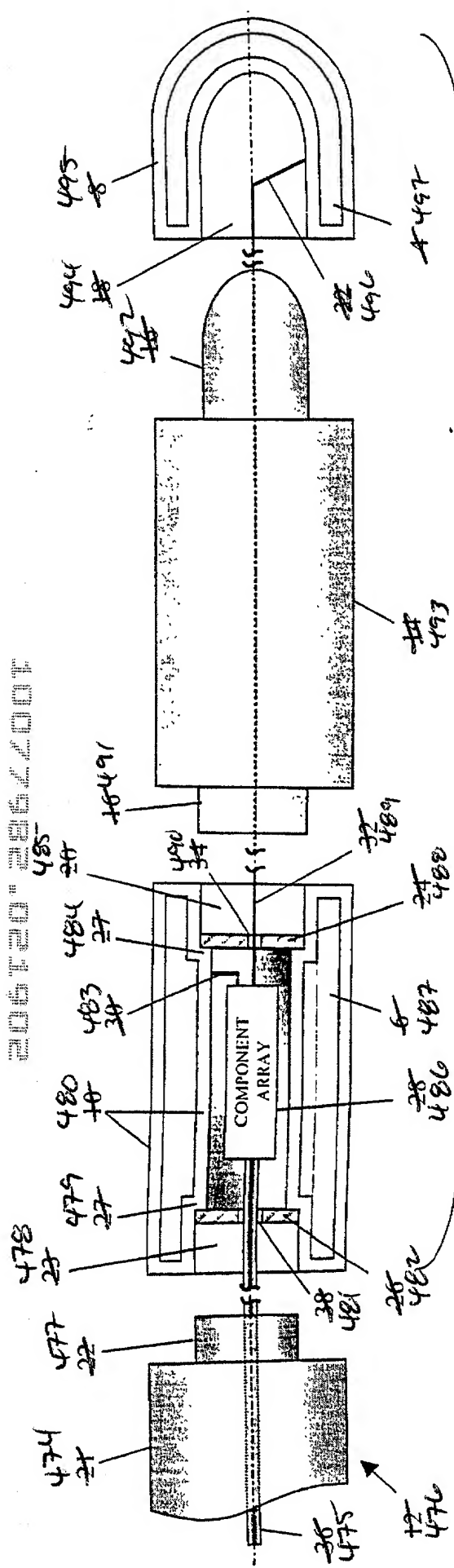


FIG. 2B 52

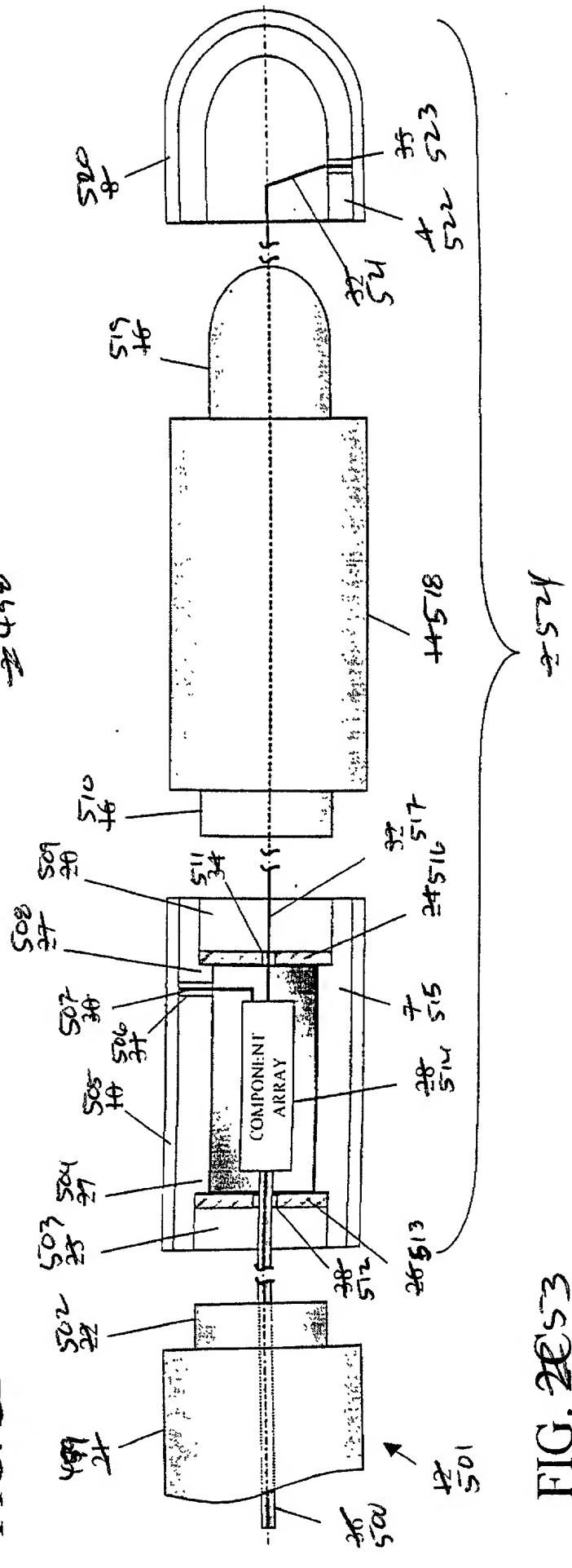


FIG. 2C 53

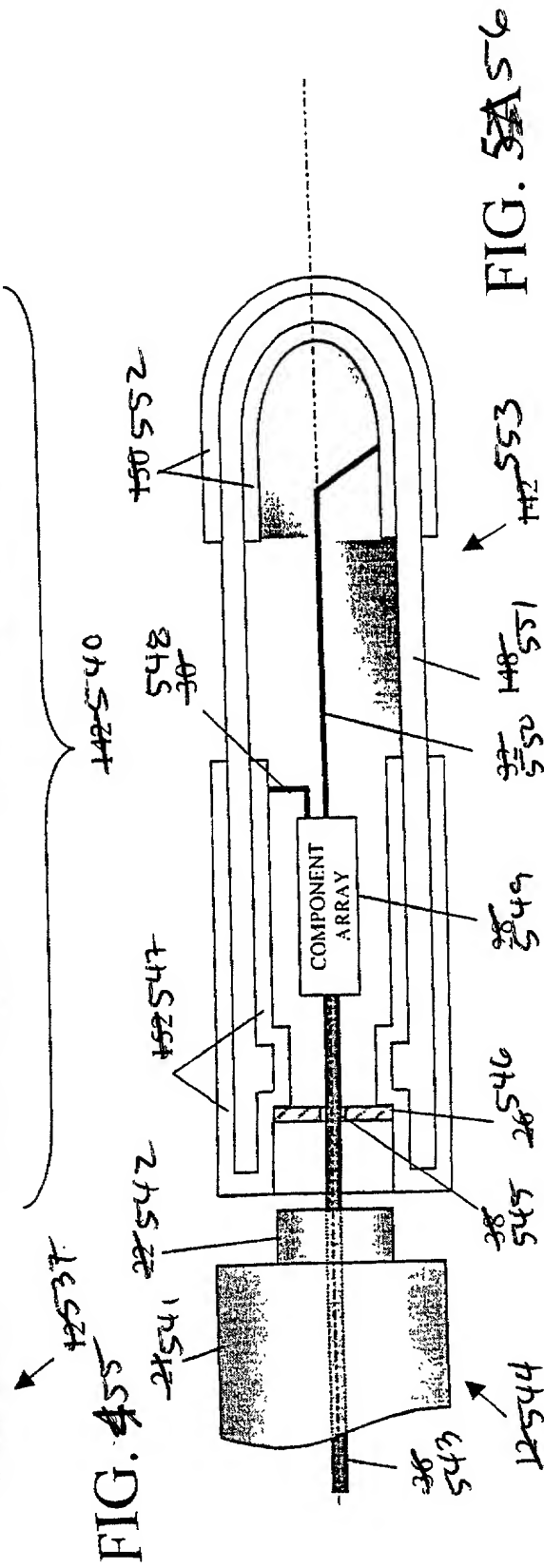
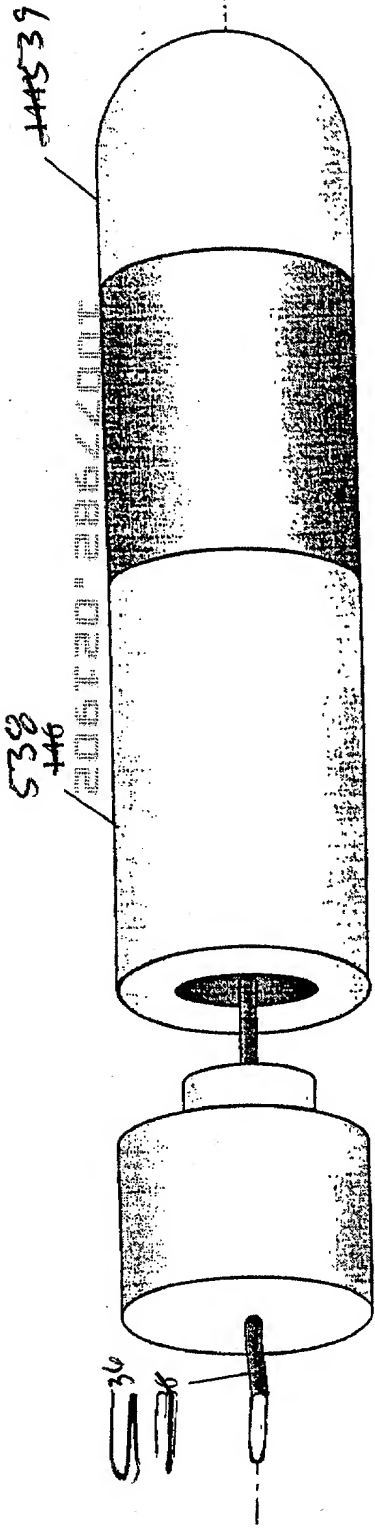


FIG. 555

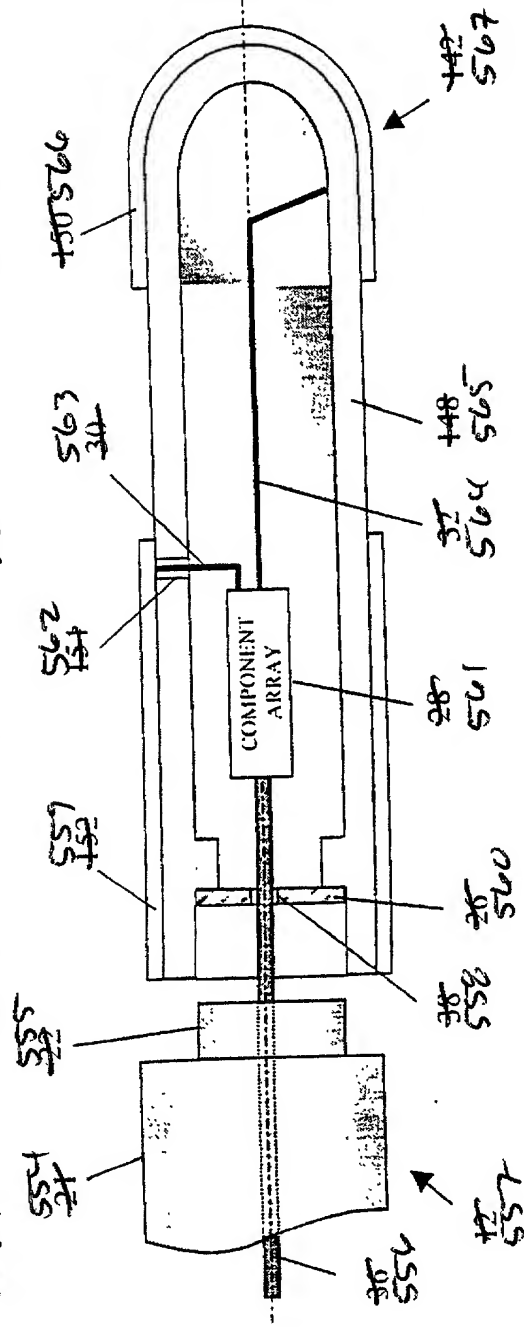


FIG. 565

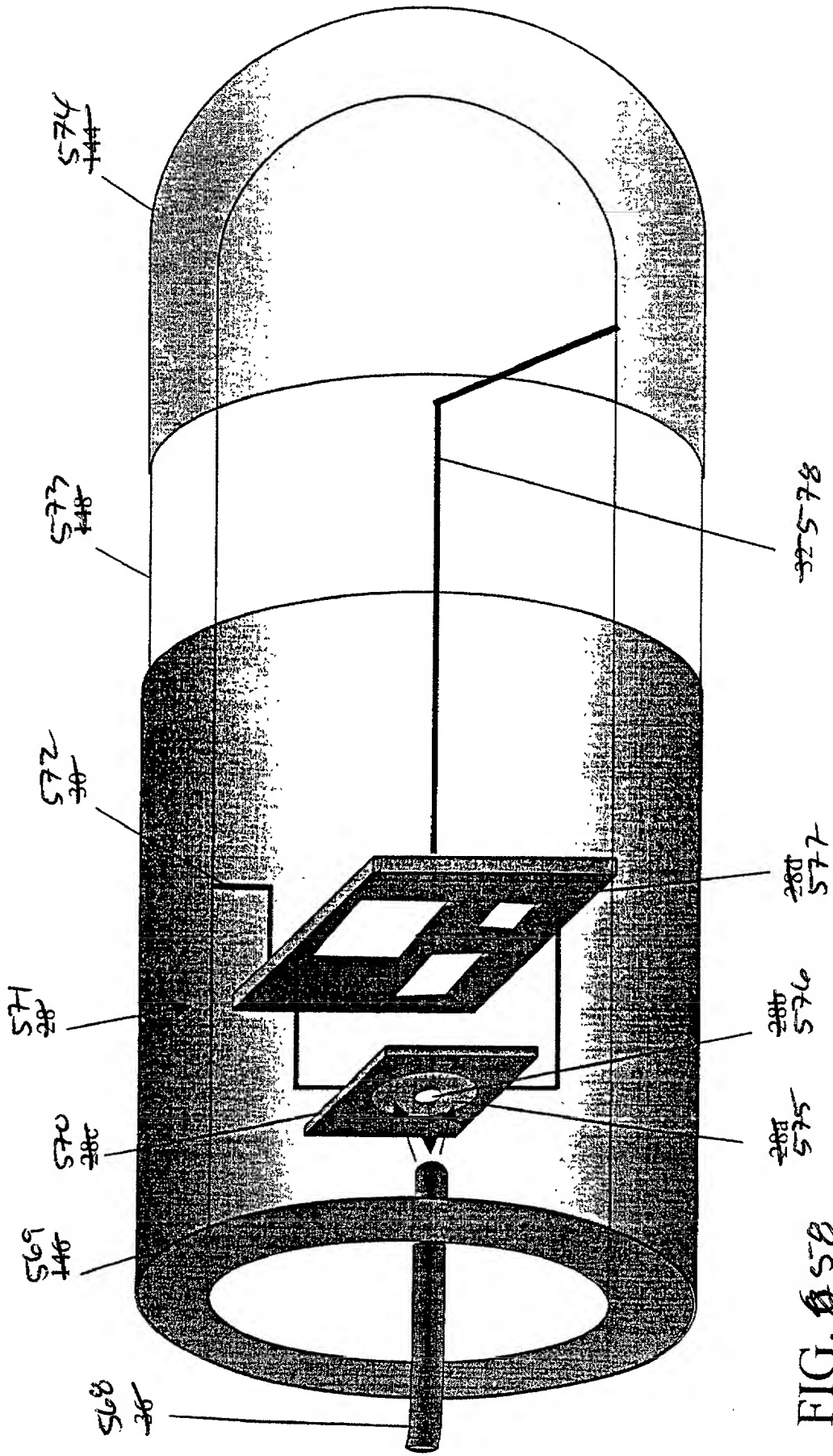


FIG. 58

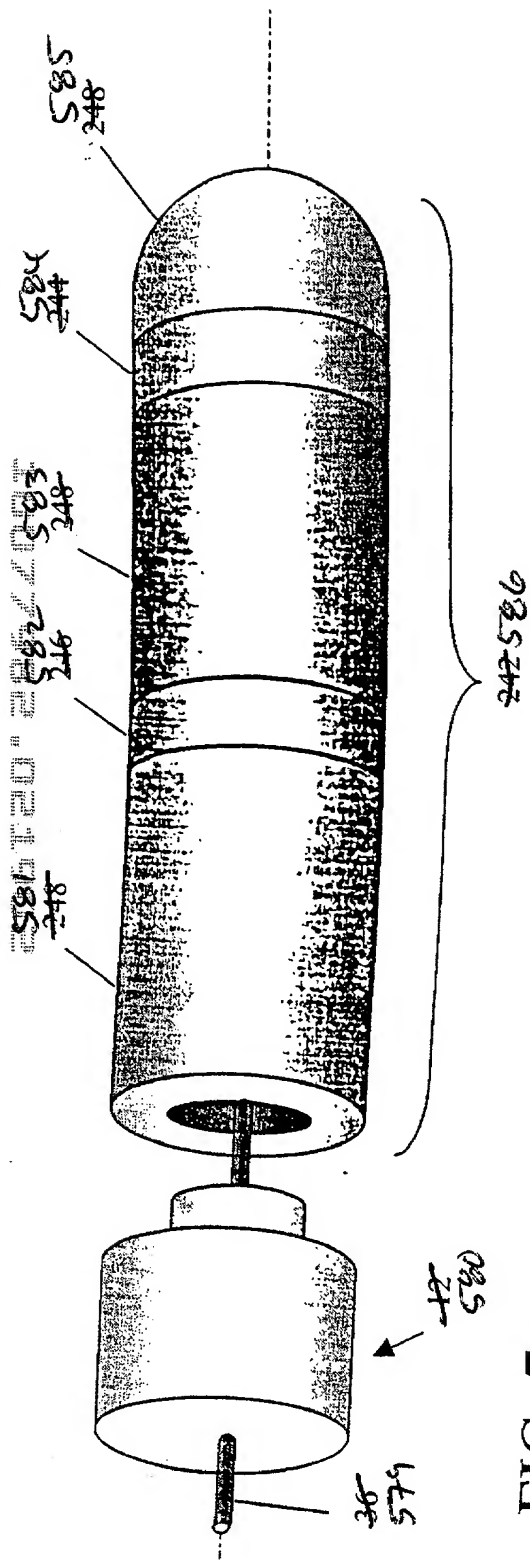


FIG. 259

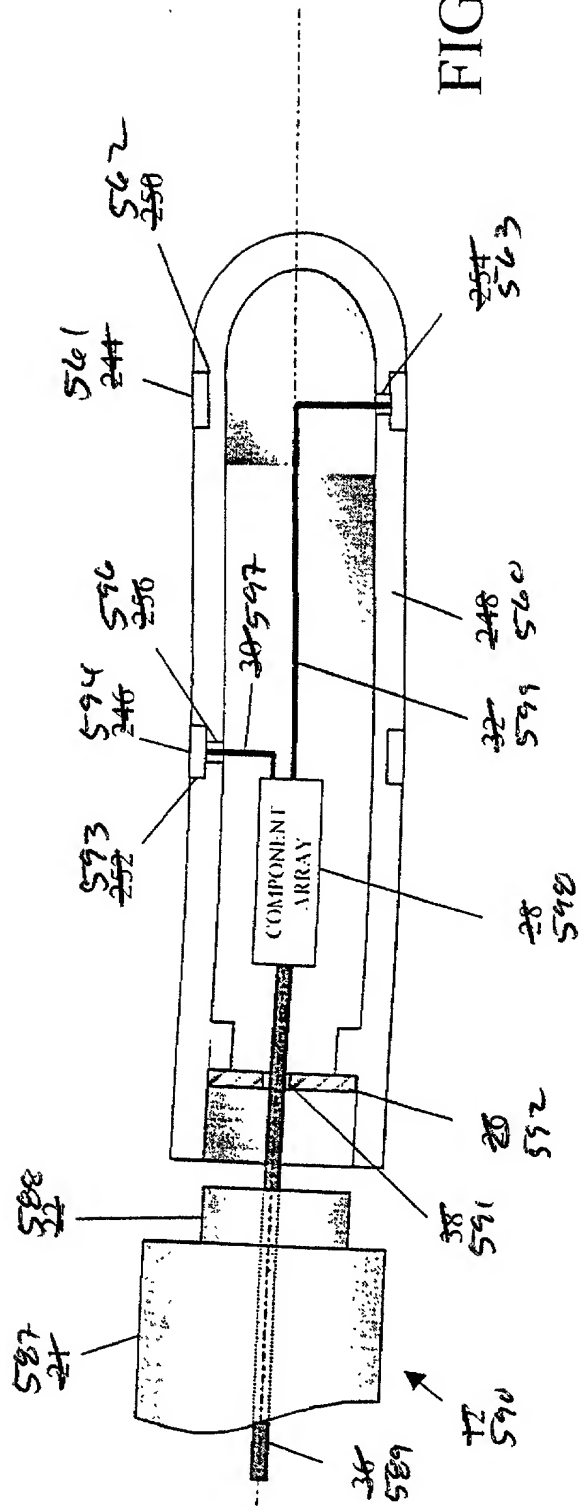


FIG. 260

1030

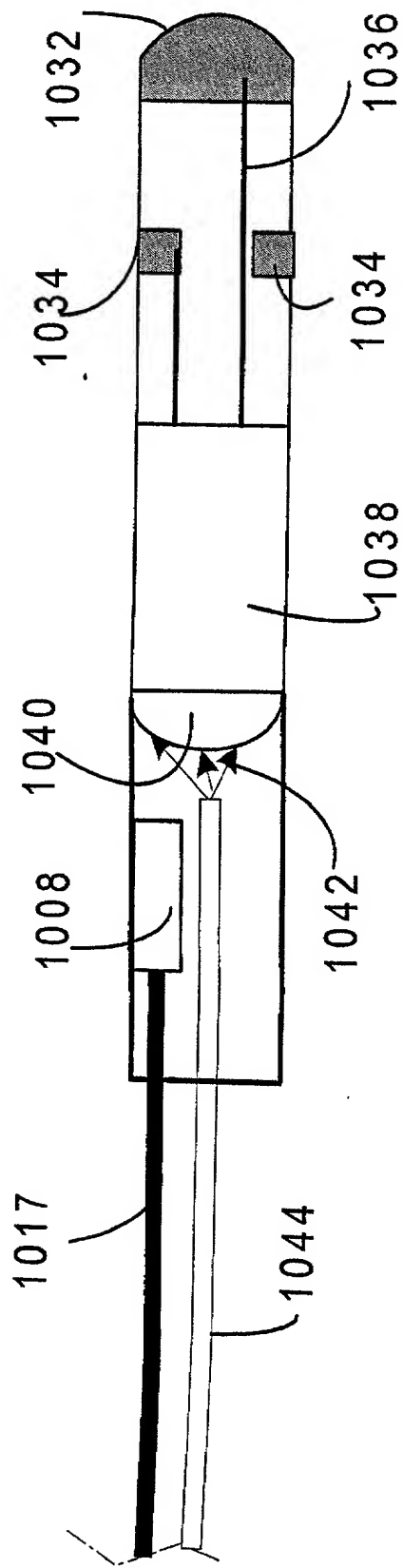


Fig. 10a62

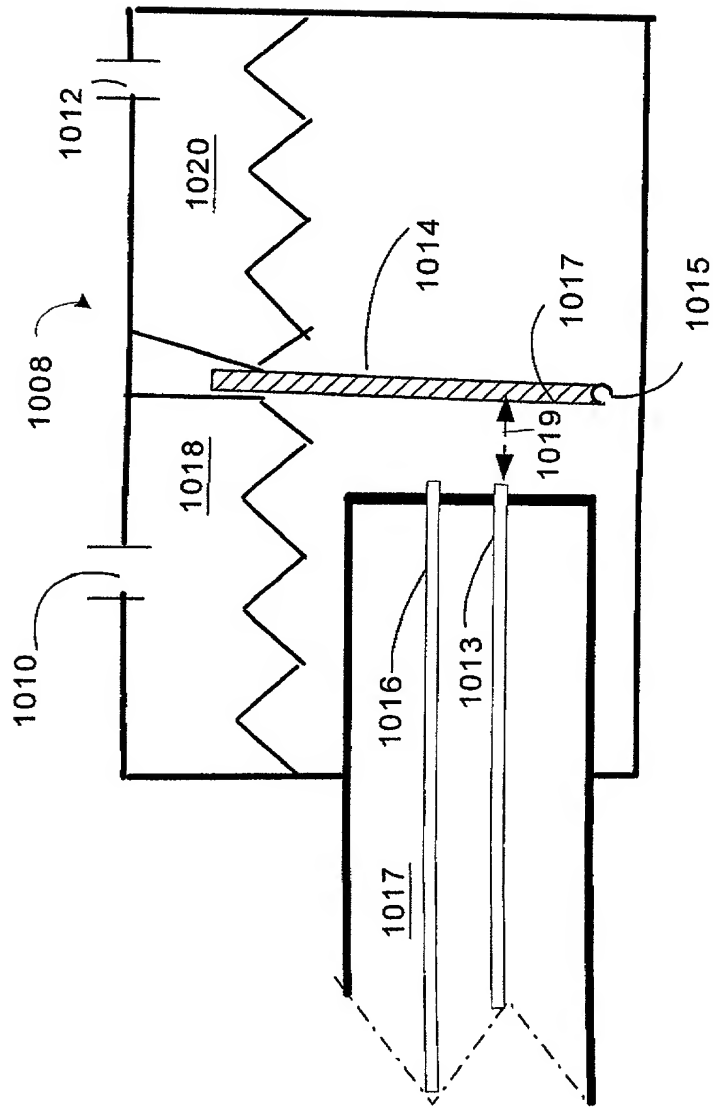


Fig. 10b 63

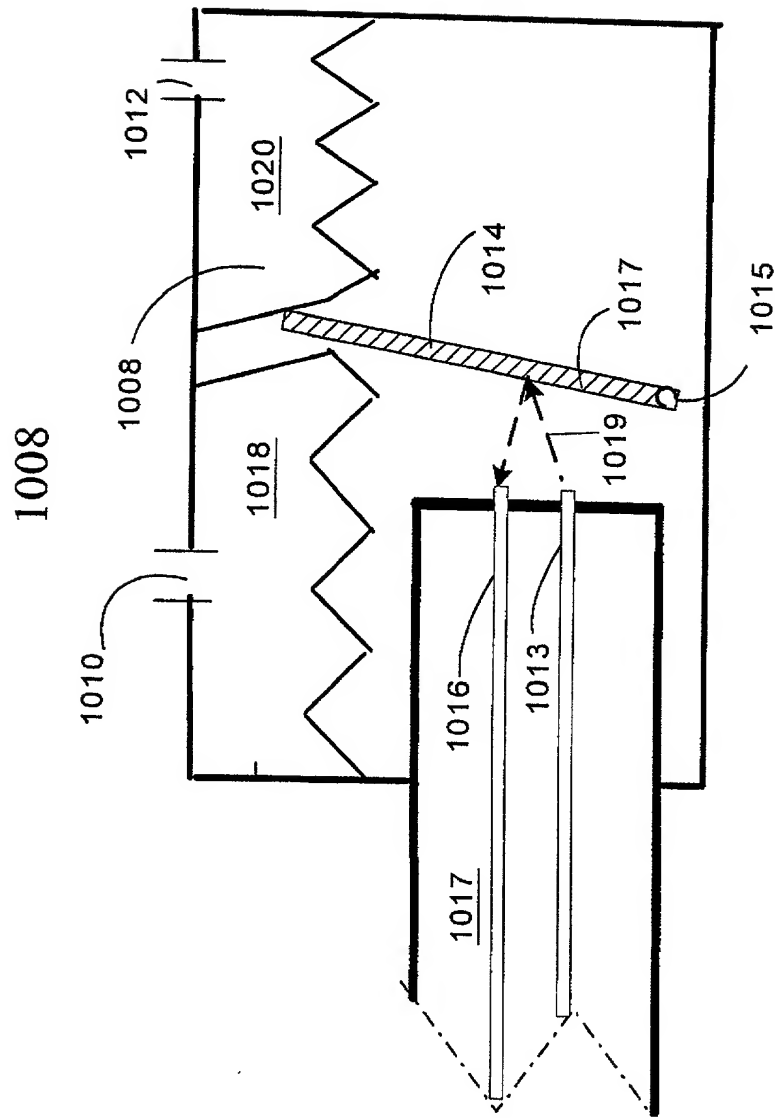
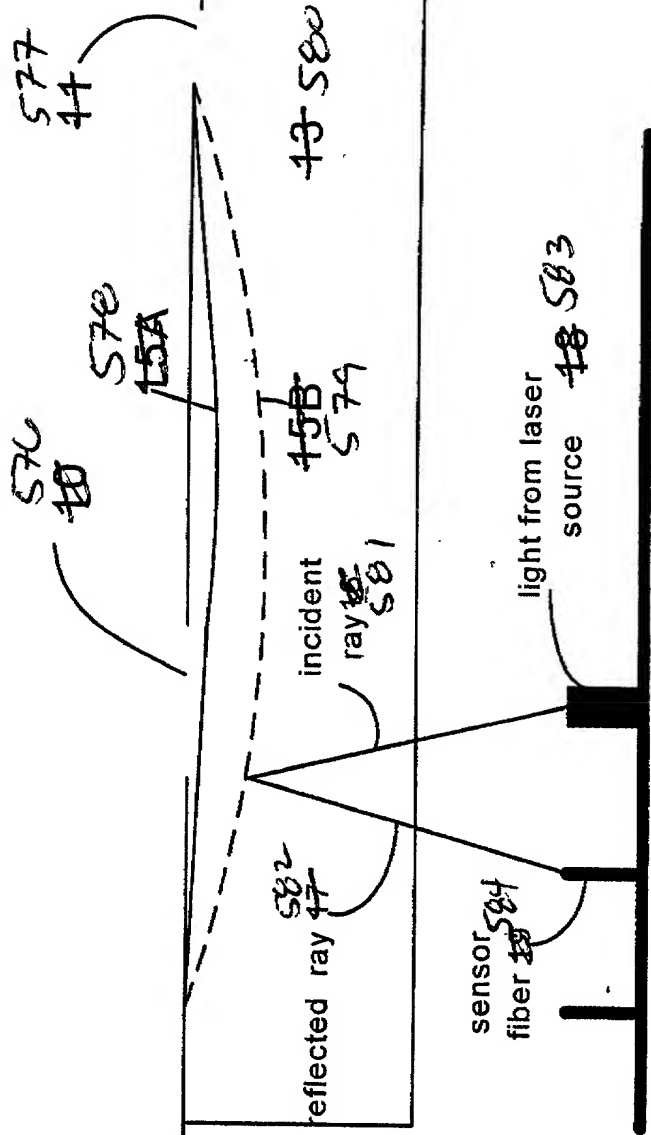
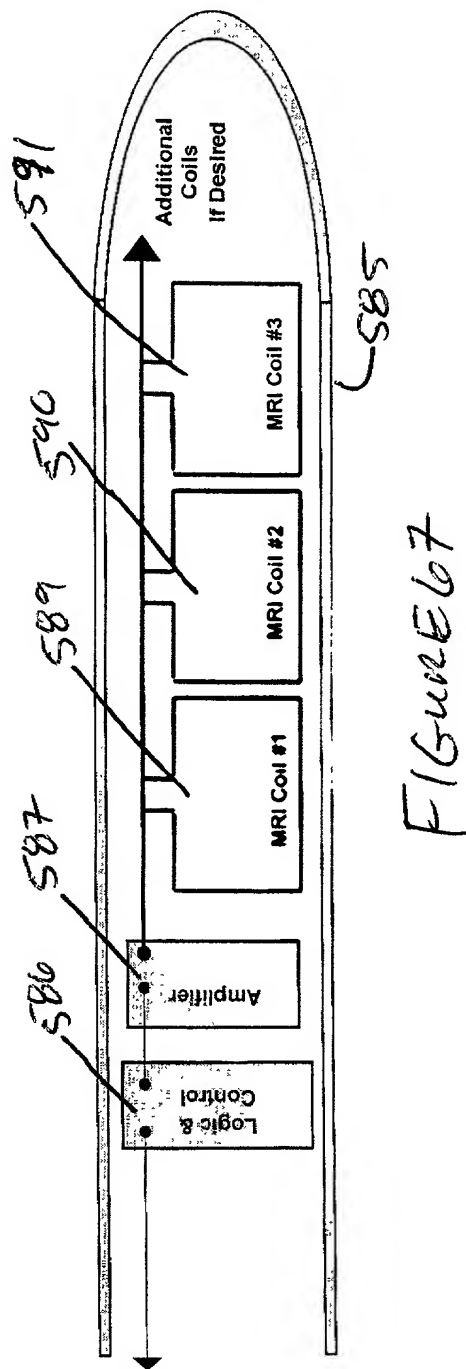
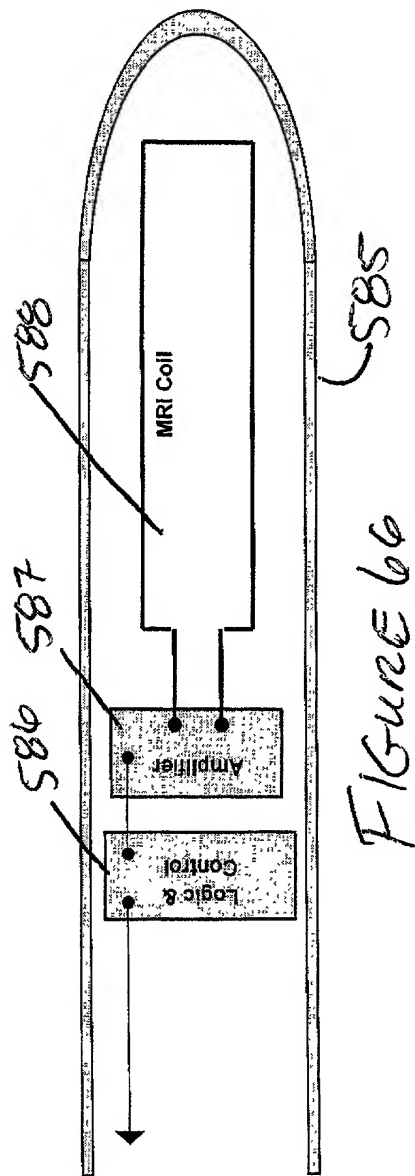
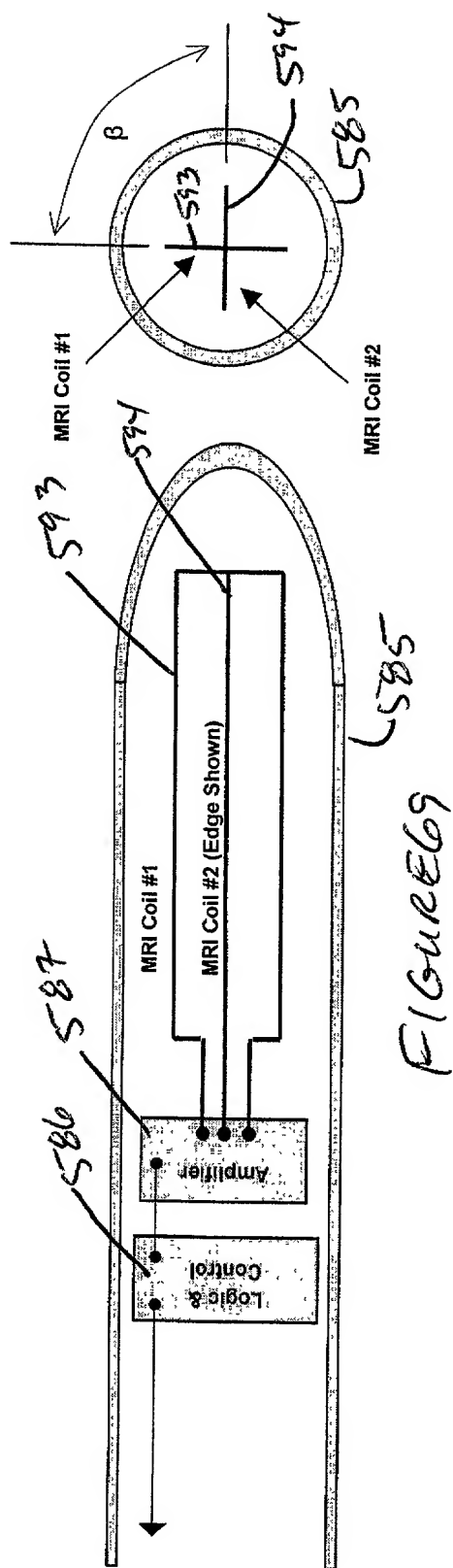
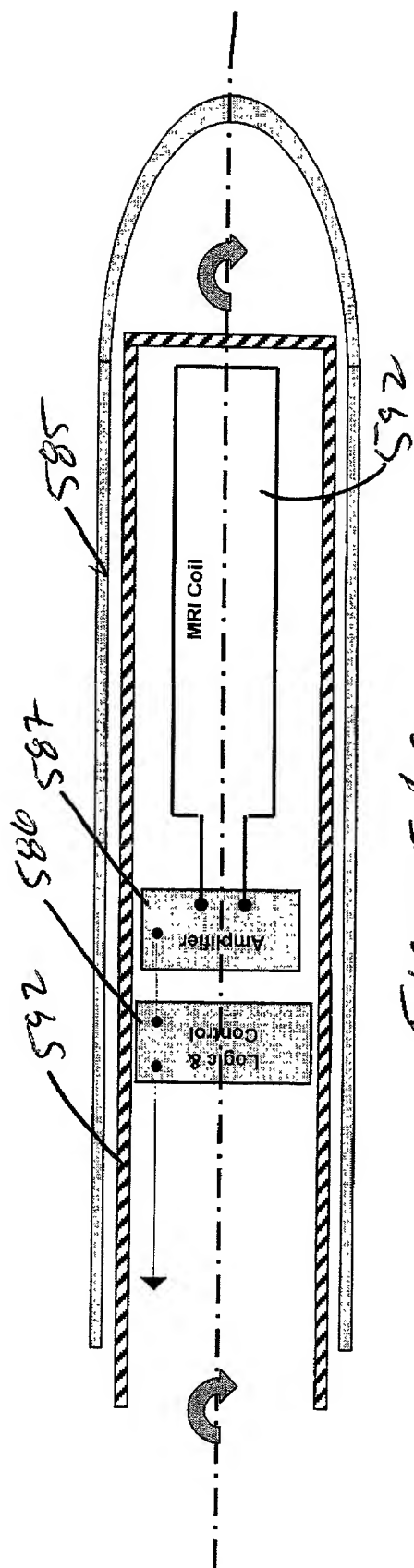


Fig. 10e₆₄

FIGURE 65







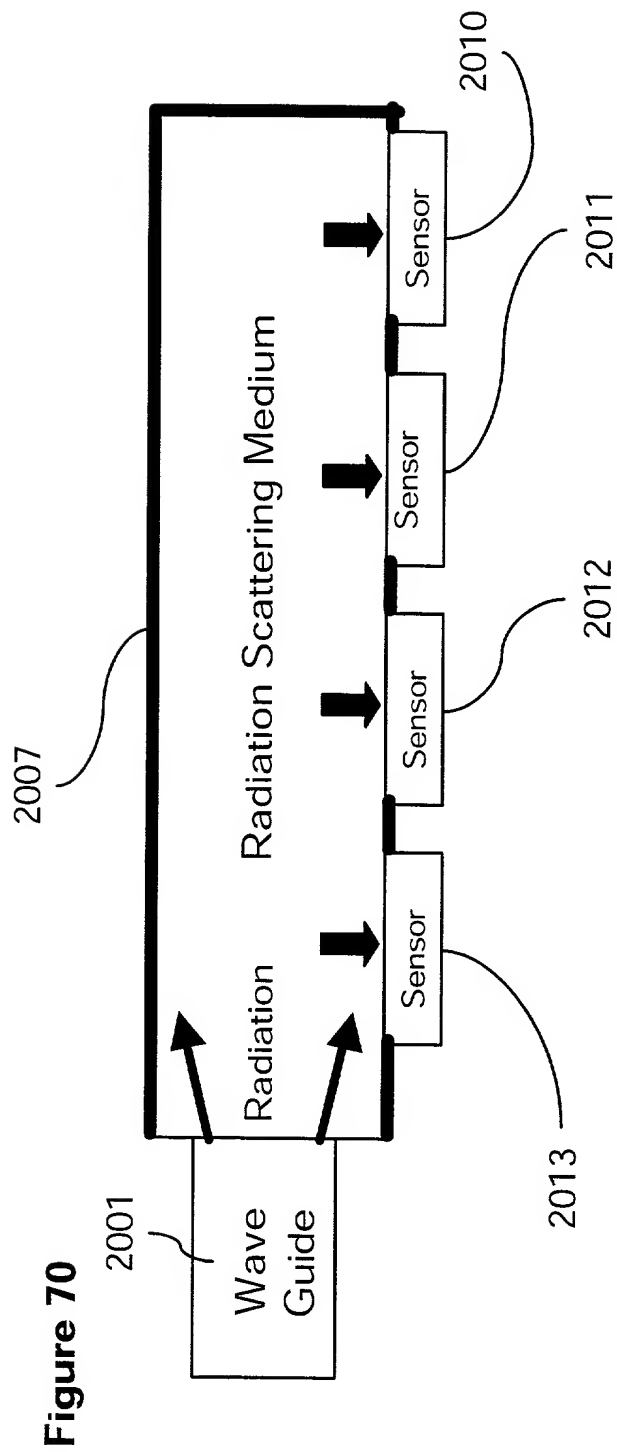


Figure 71

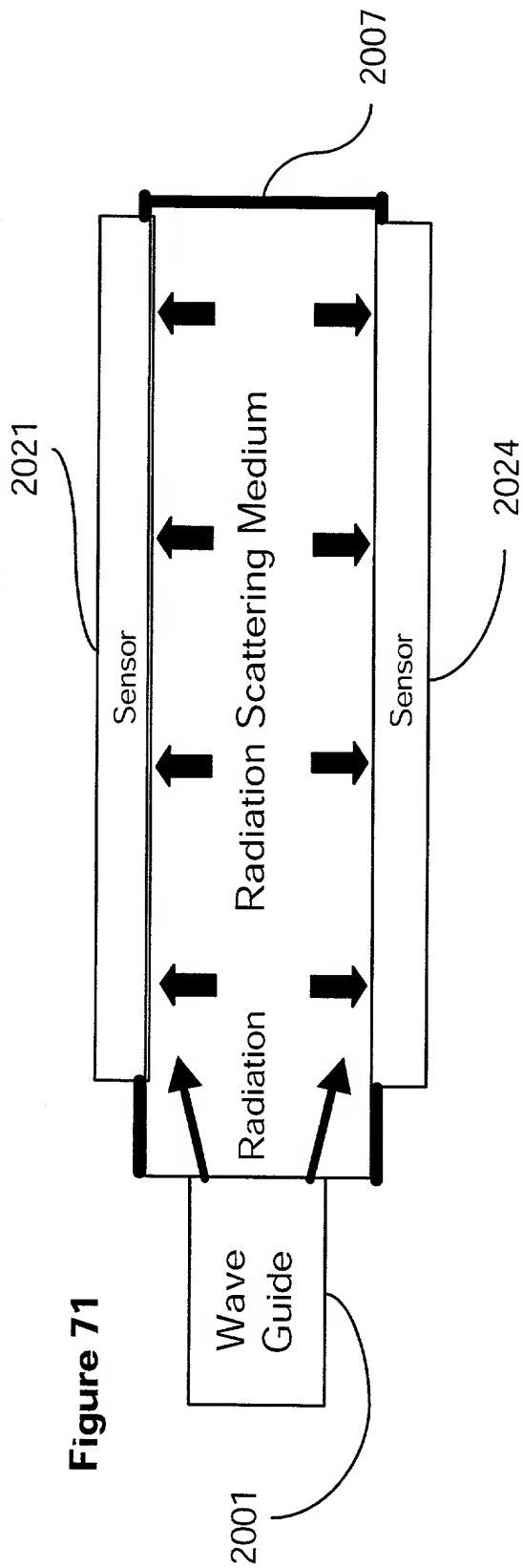


Figure 72

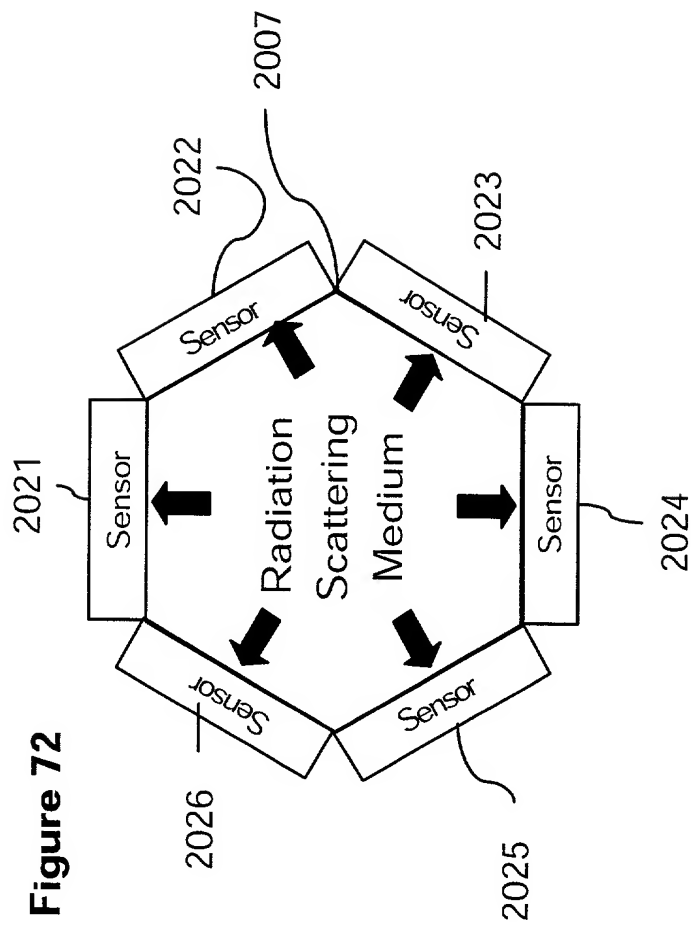


Figure 73

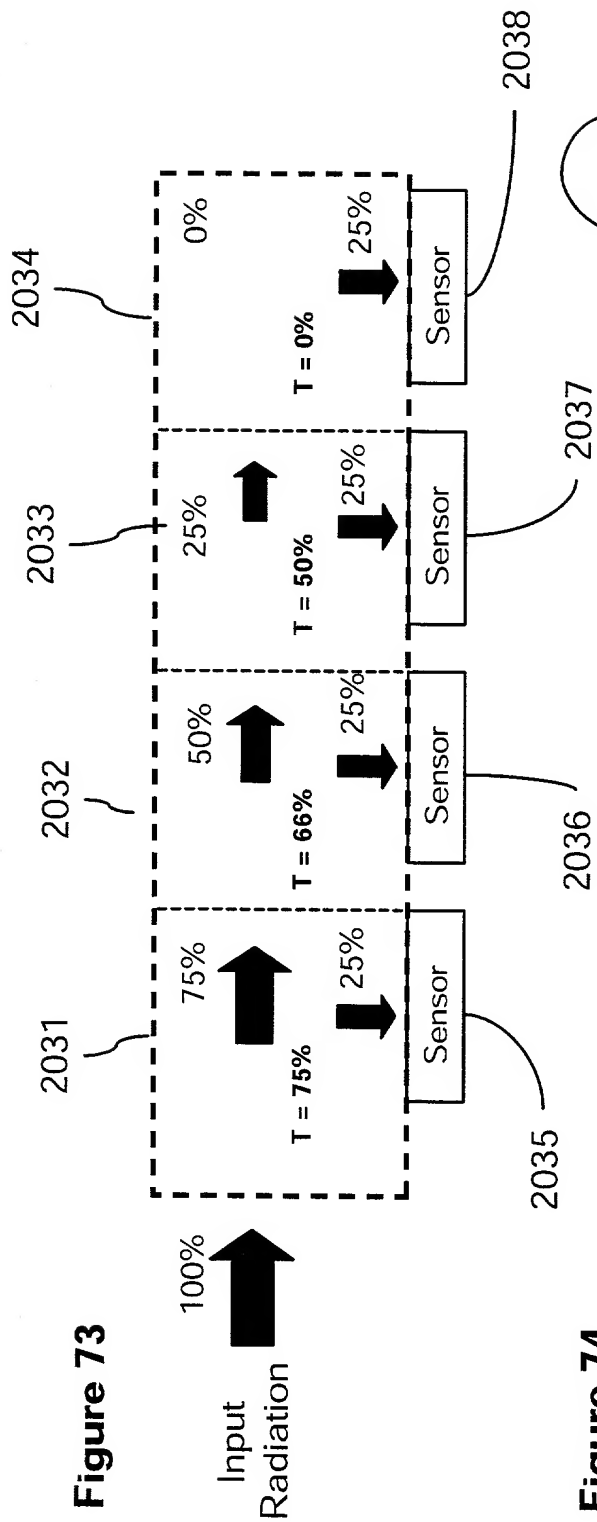
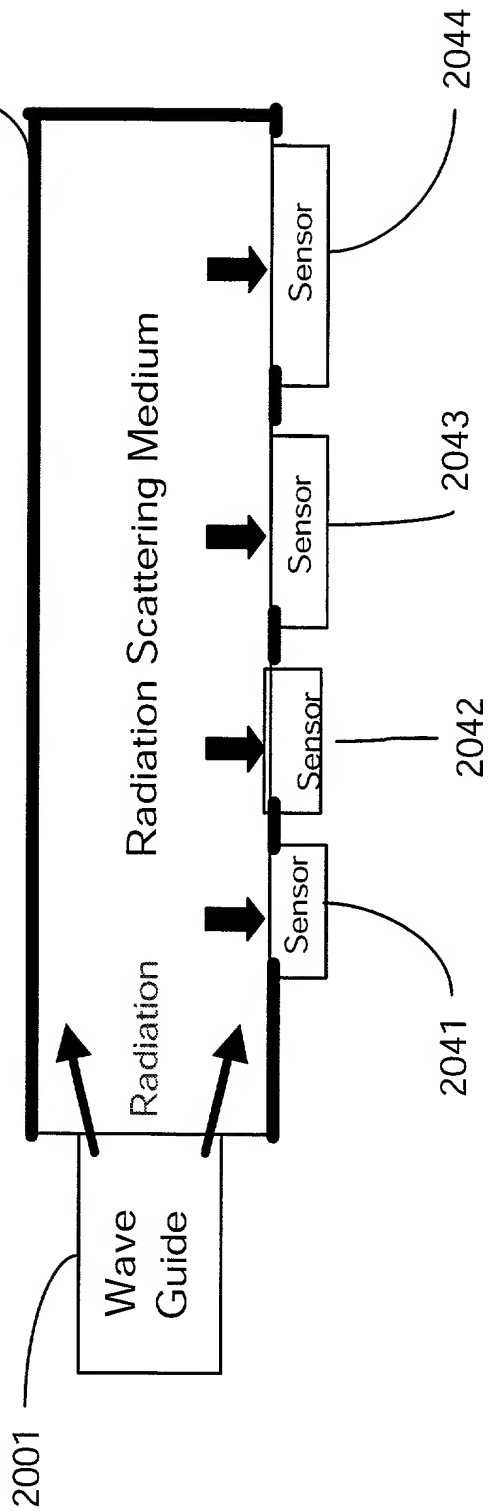


Figure 74



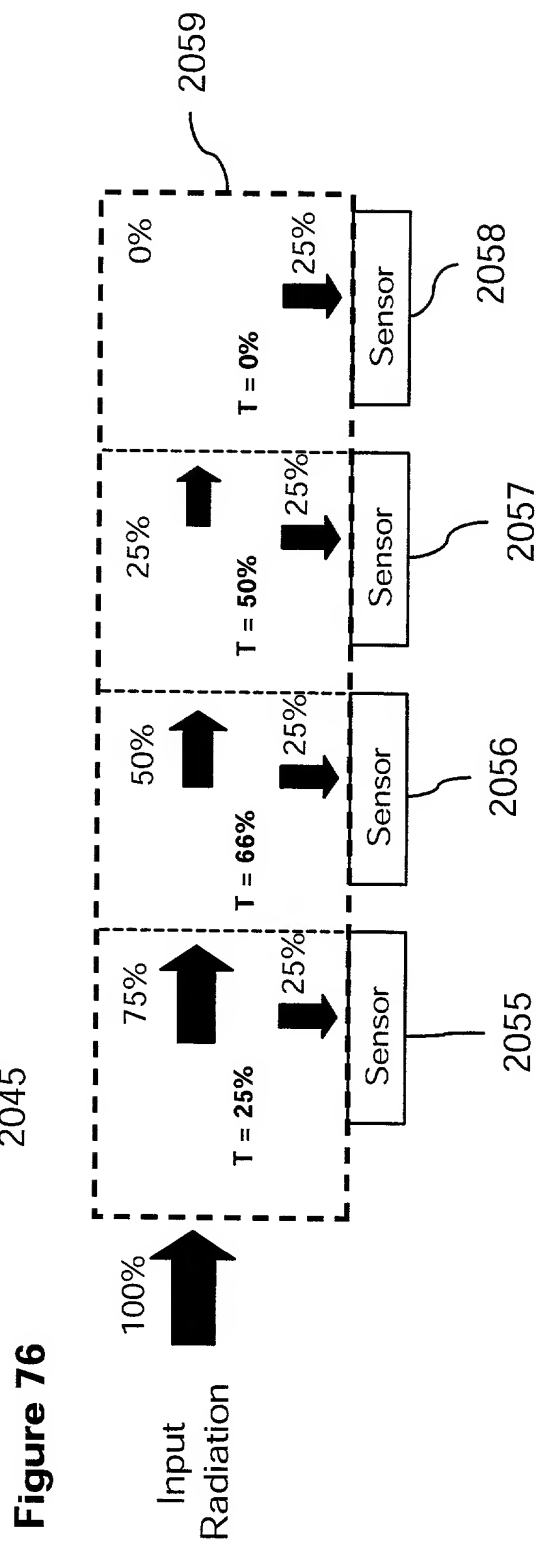
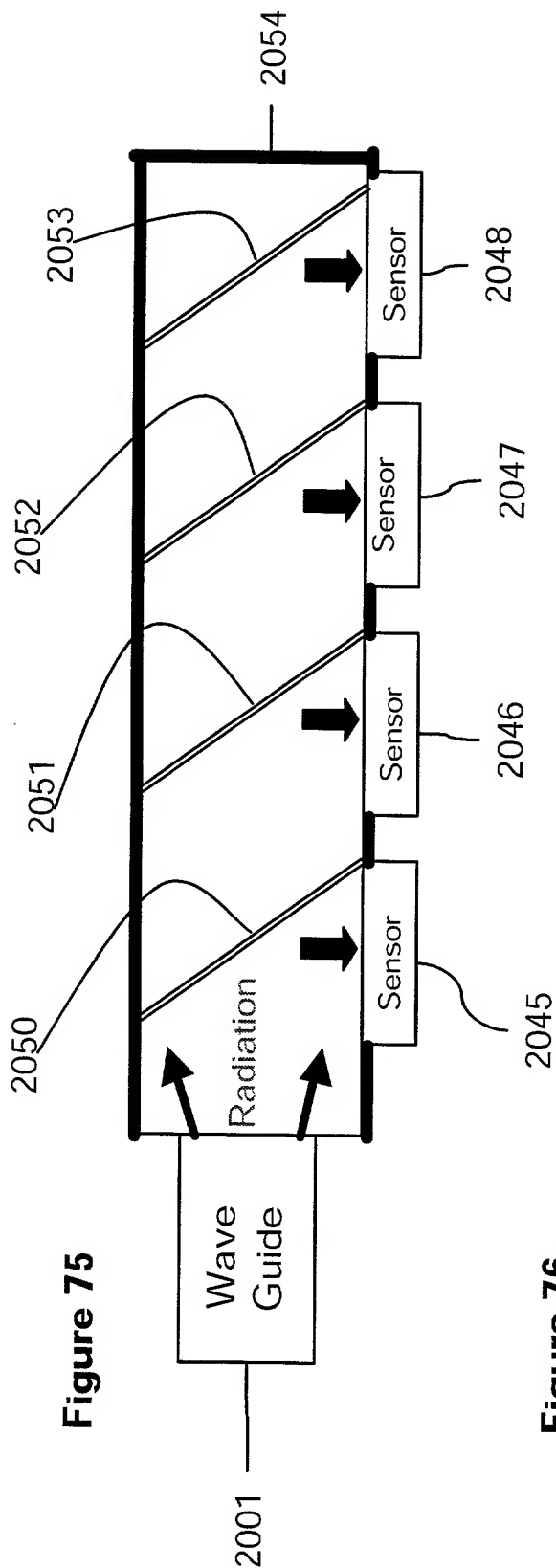


Figure 77

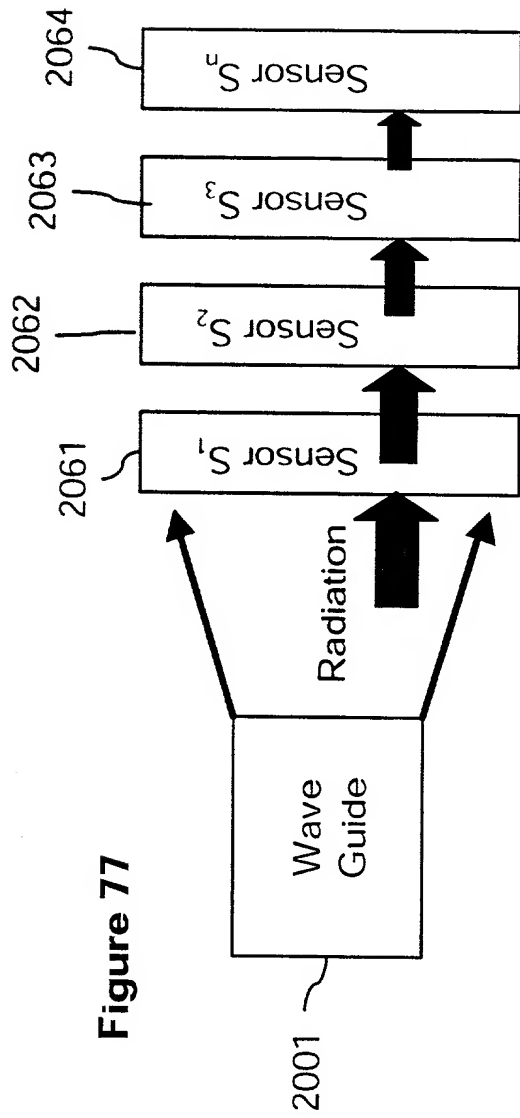


Figure 78

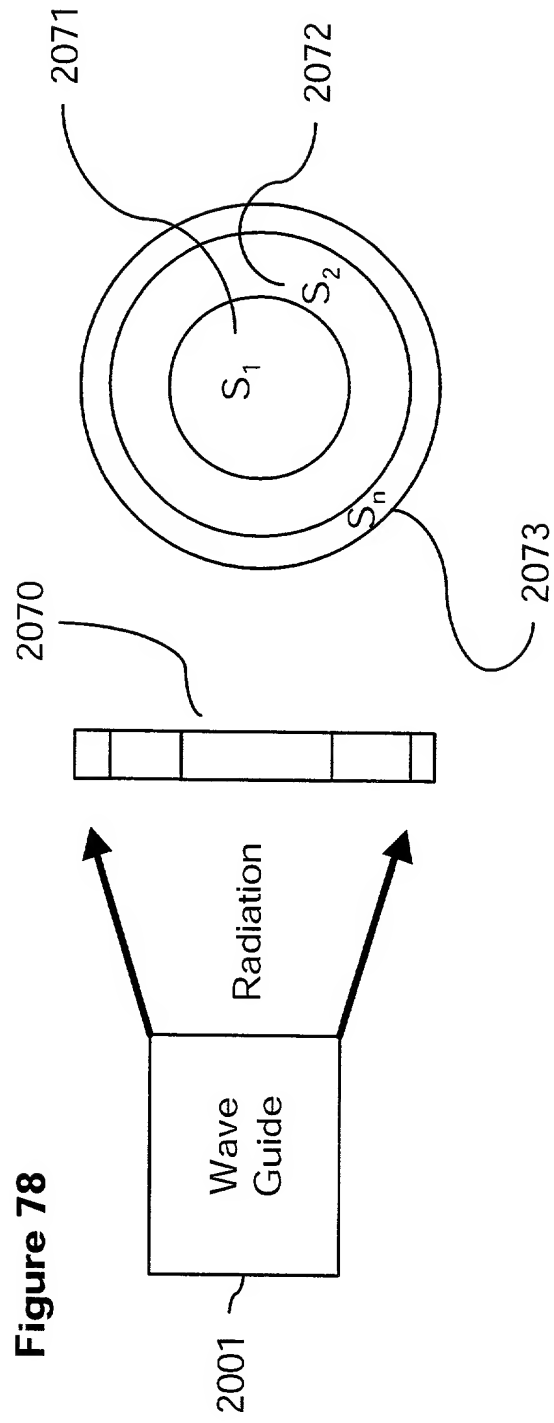
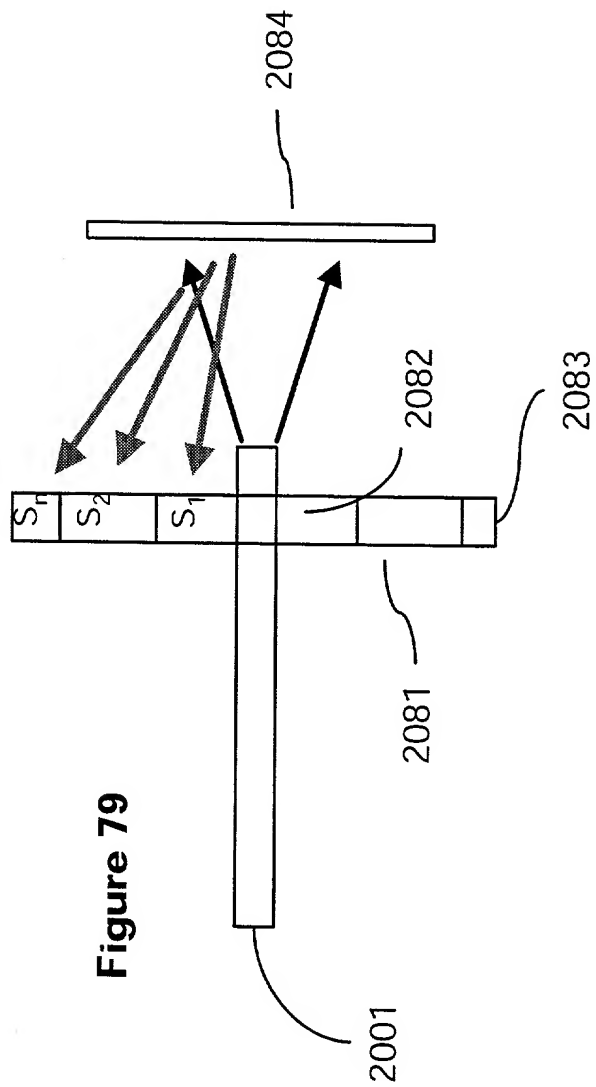
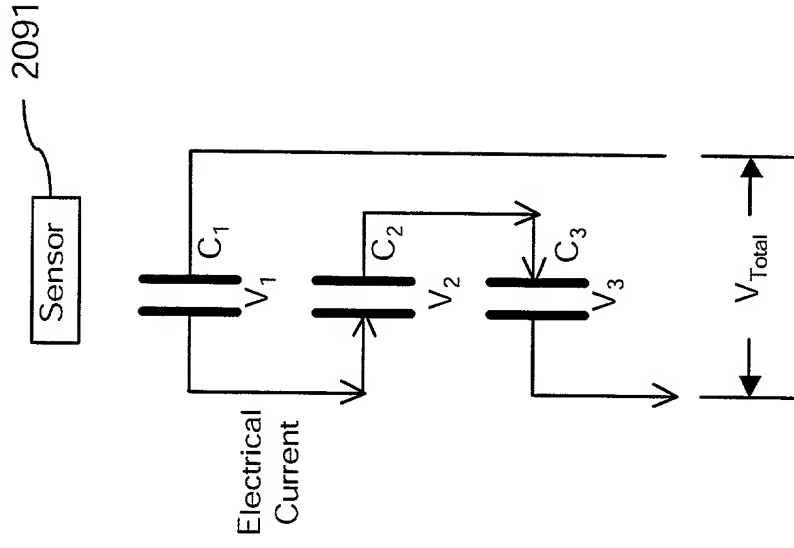
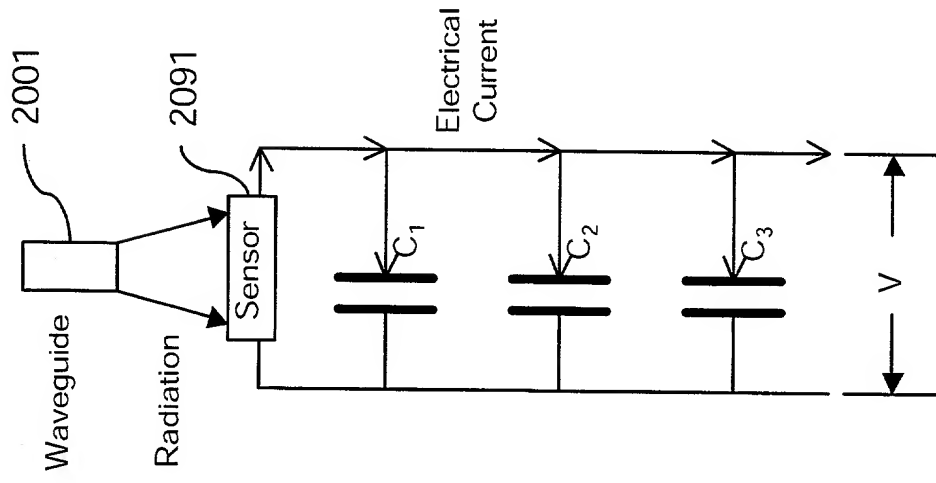


Figure 79





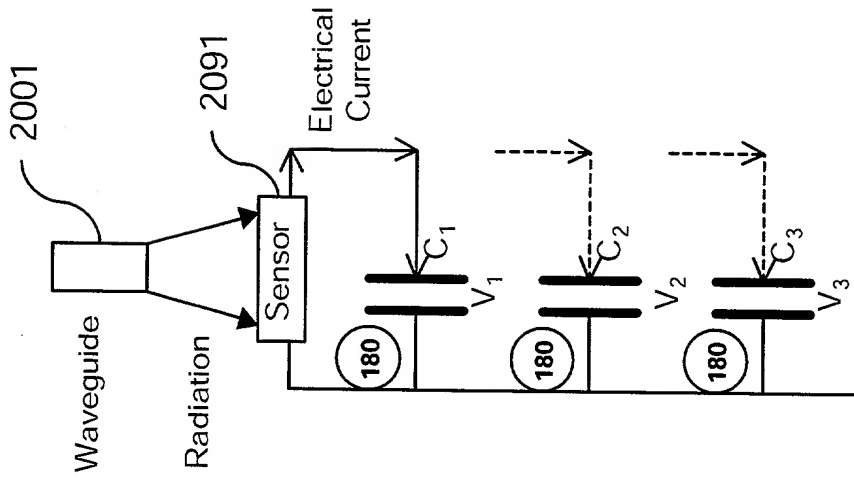


Figure 83

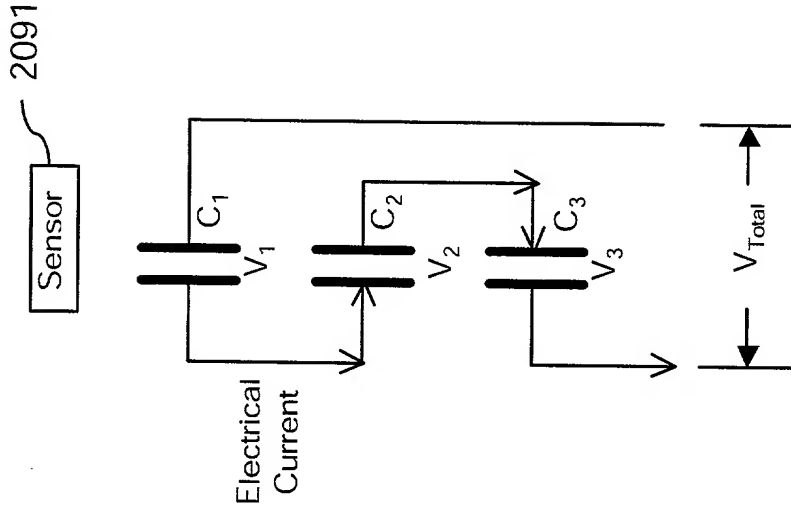


Figure 84

